AMERICAN

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STEAM NAVIGATION, COMMERCE, MINING, MANUFACTURES.

HENRY V. POOR, Editor.

SATURDAY, JANUARY 10, 1857.

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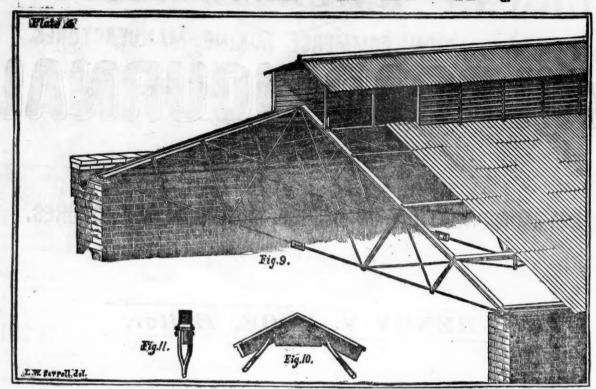
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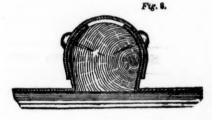
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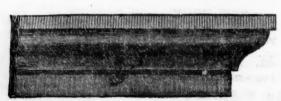
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STEAM NAVIGATION, COMMERCE, MINING, MANUFACTURES.

HENRY V. POOR, Editor.

ESTABLISHED IN 1821.

PUBLISHED WEEKLY BY J. H. SCHULTZ & CO., AT NO. 9 SPRUCE ST., NEW-YORK, AT FIVE DOLLARS PER ANNUM IN ADVANCE

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SATURDAY, JANUARY 10, 1857.

[WHOLE No. 1,082, Vol. XXX.

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American Railroad Journal.

PUBLISHED BY J. H. SCHULTZ & CO., No. 9 SPRUOR ST.

New York, Saturday, January 10, 1857.

Pensacola and Georgia Railroad.

The report of Mr. Cabel, President of this company, has just been issued.

The object of this company is to construct a road across the State of Florida, so as to connect the yard have been purchased on favorable terms, to the profession. the waters of Pensacola and Appalachee Bays, and a conditional agreement, subject to the apmiles in length, newly laid with 60 lbs. iron, is be delivered at intervals to suit the track-laying. should be made at an early day, in order to retain now in operation from Tallahassee to St. Marks, These 2,000 tons will be sufficient to lay about at the head of Appalachee Bay. The Florida 23 miles, with the necessary turn-outs and side May last for the use of the road. Unless the road structing a road from Jacksonville to Allegator, in January, and the first arrival is expected dur-60 miles, and have the whole under contract to ing the month of March. The track-laying will From a point of divergence from the latter road, coming in of the next crop it is expected that the Florida to subscribe at least sufficient to secure

south-western Georgia. Of the 105 miles under maining 44 miles were to have been let on the are at work. The number of hands on the road pleted. Only five sections have been received on other sections as to leave no doubt that 22 continuous sections from the depot of the Tallahasse road will be completed by the 15th of March. faster than the iron can be laid.

with the Atlantic Ocean. A first class road, 21 proval of the board, made for 1,000 tons more, to Central, Gulf and Atlantic company, are con-tracks. The shipment of the iron is to commence is located within a reasonable time, these lands responsible parties, with some 20 miles graded. commence by the 1st of April, and before the this purpose, they call upon the citizens of West the Florida company are constructing a road to locomotive will have penetrated the heart of the the grant. Fernandina, 45 miles. This portion of the Florida county of Jefferson. With a view to expedite the road is already graded. The whole of it to Cedar completion of the road, the board propose to land is authorized to assign any portion of their road to Keys, about 150 miles, is under contract, cross- a portion of the iron at Cedar Keys, to be taken any person or company desirous of constructing ties furnished for some distance, bridges erected, by steamboats to the point of crossing the Su- the same, with all the rights and privileges apperwharves constructed, and iron purchased for 75 wannes river, so as to lay the track east and west taining to the portions assigned, upon their making miles, 15 miles of which has been laid, over which from that point; and when the road is continued a locomotive is now running, and the work of west to Pensacola Bay, the iron may be delivered the section of road so undertaken to be built by track-laying daily progressing. The Pensacola at the crossing of the Apalachicola and Chocta-them. The assignees to have a distinct organiza-

MESSAS. ALGAR & STREET, No. 11 Clements Lane, tion of that portion of their road lying between surveyed preparatory to location, from Tallahas-Tallahassee and Allegator, on the Suwannee river, see to the Apalachicola river. This is a continua-105 miles, which will complete the connection be- tion of the road west to Pensacola. As soon as tween the Gulf of Mexico at St. Marks, and the adequate subscriptions can be obtained, this part Atlantic ocean at Fernandina and Jacksonville, of the road will be located and put under conthe one about 180, and the other about 200 miles. tract. In consequence of the number of streams The Pensacola and Georgia road will also connect to be crossed, this portion of the road will be with a road extending from Savannah through more costly than was anticipated. The estimated cost is \$5,738 42 per mile, including bridging; construction between Tallahassee and Allegator, the cost and length, however, may be reduced on 61 sections, of about one mile each, have been location. Changes in the location of the road, in under contract since February last, and the re-the counties of Leon, Jefferson, Madison, and Columbia were found necessary, in consequence of 15th ult. By the terms of the contract they are the hurried manner in which the first surveys to be graded by the 1st of October next. The were made, which resulted in a saving to the comwork has been let to 17 contractors all of whom pany in earth work alone of \$75,476. The company also suffered from the want of a Chief Enis 362, and the number of carts 89. Nearly one- gineer. Capt. Griffin was prostrated before the third of the excavation and embankment has completion of the location of that part of the been done. The clearing on 34 miles is com-road now under contract; and it was with difficulty that a competent officer could be obtained. from the contractors; but so much has been done The company now, however, congratulate themselves on having secured the services of one of the most valuable men in his profession. Mr.Garnett is a gentleman of large experience, having The balance of the grading will be completed been connected with several of the principal roads in Pennsylvania and Virginia as well as North and One thousand tons of iron, weighing 511 lbs. to South Carolina; and is well and favorably known

> With a view to the continuance of the road west to Pensacola, it is desirable that the location the lands granted to the State by Congress in will again be offered for sale. As the board do not feel authorized to apply the general fund to

By an amendment to their charter this company a subscription of stock bearing a due proportion to and Georgia company are engaged in the construct whatches rivers. Forty-four miles have been tion, etc., and to be recognized as a body corporate in all courts of law and equity, provided, that funds necessary to purchase iron and equipments two months notice is given, and a copy of the assignment filed with the Roard of Trustees of the we expect to realize from the sale of bonds, which we are authorized to issue. On the completion of the received for engines, cars, &c., and for the engines of the engines, cars, &c., and for the engines of the engines of the engines of the engines. signment filed with the Board of Trustees of the Internal Improvement Fund. In referring to this act the President says:

"Our great object is to ensure a road running across our State, and connecting Pensacola with the nearest good harbor on the Atlantic. It is not material whether this is accomplished by ourselves or by others having a common interest with us.—
If the Alabama and Florida company, or any portion of our fellow citizens of West Florida, desire to construct the road through the western part of our State, we will assign the portion of the road west of the Apalachicola river, in conformity with the provisions of our amended charier. Should a separate company organize to construct the work from Apalachicola river to the intersection of the Alabama and Florida road, we may make an assignment to them. And from the point of intersection to Pensacola we may make an assignment to the Alabama and Florida company, so as to entitle that company to the benfits of the Act of January, 1855.

From Tallahassee to the proper point of inter-aection with the Alabama and Florida Railroad the distance is somewhat less than 180 miles, and about the same to Deer Point, opposite Pensacola, to which point it may be our interest to go if no satisfactory arrangement shall be made with other parties, and no adequate subscriptions obtained to justify the adoption of a more northern route.— From Tallahassee to Fernandina the distance is about the same. By making a connection with the Alabama and Florida Railroad, we shail be brought into communication with Montgomery and the coal fields, the marble quarries and the iron beds of Alabama, equal, if not superior to any in the Southern States."

The president thus briefly alludes to the importance of a railroad connection between the Atlantic ocean and Pensacola and Mobile bays. These connections, when completed, as they will probably be in a few years, will make this road one of the most important in the South.

The entire distance from Pensacola bay to Fernandina is about 360 miles, and to the point at which we shall probably intersect the Alabama and Florida road somewhat less. From the latter road to the Tensaw river, near Blakely, at the head of Mobile bay, the distance is about 40 miles. There is now a charter for a road from Tensaw to the Perdido river, with which our amended charter authorizes us to connect. Fernandina, one of the finest, if not the best harbor, all things considered, south of Chesapeake Bay, is less than 400 miles from Blakely, and nearer than any port on the Atlantic. We are advised that the Mobile and Ohio company propose to extend their road to the Tensaw river, near Blakely, at which point therefore, we shall be brought into connection with that great enterprise, and through it with the entire valleys of the Mississippi and Ohio roads.— A road to Vicksburgh will connect our Atlantic ea-ports with the terminus of the Southern Paroad by a shorter route than any now contemplated. New Orleans will also be brought nearer to the Atlantic over our road than by any other

The present object of the company, however, is to open to the people of Florida an outlet to the Atlantic, thus enabling them to avoid the dangers and expense of the circuitous navigation around the Capes of Florida. The link now under construction from Tallahassee to Allegator, will com. plete the connection between St. Marks and the Atlantic at both Fernandina and Jacksonville.

Of the ability of the company to build the road the report says:

We have a subscription more than sufficient prepare the road-bed for the rails, including

the grading and furnishing cross-ties on the line for ten continuous, and every additional ten miles, the company is authorized to "issue coupon bonds having thirty-five years to run, and drawing 7 per cent. annual interest, payable semi-annually in New York or Tallahassee, at the rate of \$8,000 per mile, for the purchase of the iron rails, spikes, plates and chairs, and after the rails have been laid, the additional sum of \$2,000 per mile for the purchase of equipments; and said bonds shall be a first lien upon the road-bed, iron, equipment, workshops, depots and franchise."

These bonds can be used for no other purpose than that specified. Everything must be paid for out of other funds, and, when procured, becomes security for the payment of the bonds.

The bondholder is thus secured by a mortgage upon property worth double the amount of the bonds. The Trustees of the Internal Improvement Fund are required to endorse the bonds, and guarantee the payment of the interest as it accrues. For this purpose the act authorizing their issue, conveys in trust to the State all the lands, and the proceeds of the sale thereof are appropriated to the payment of the interest. The company is required to pay to the Trustees onehalf of one per cent. as a sinking fund to redeem the bonds after the completion of the road. It is impossible to estimate the value of the fund, but it is doubtless more than sufficient to meet the interest on the bonds. This fund consists of a grant by Congress of 500,000 acres of land, of which 450.000 were selected many years ago and appraised at near \$1,000,000. Most of it is still held by the State. About \$400,000 have been realized from partial sales and invested in bonds and paying stocks. 50,000 acres are yet to be selected. The cash value of this part of the fund exceeds \$1,000,000. But the most valuable part of the fund is the grant by Congress in 1850, of all the Swamp lands, and lands liable to over-

This act has been liberally construed. Under its provision, the State has selected 11,839,000 acres, of which 9,581,609 acres have been confirmed. The whole number of acres which the State will acquire under this act, will exceed fourteen millions.

In addition to this security, Congress at its last session granted to this company 120 sections of land for every 20 miles of road, or 3,840 acres per mile. The value of these lands will be very much enhanced upon the completion of the road. Estimating them at \$10,000 per mile which is far below their real value, and the company have a fund sufficient to retire all their bonds. The State has also granted to the company the alternate sections of its lands within six miles of the road, amounting to 65,000 acres for the portion of the road now constructing between Tallahassee and Allegator. Previous to these grants by Congress and the States, the bonds of the company ranked among the first class southern securities. They have now a regular market value. As the act requires the iron to be delivered in the State previous to the issuance of the bonds, the iron has been purchased upon the obligation of the company to hypothecate them at the rate of 80 cents on the dollar. A much larger amount of iron might have been purchased on the faith of fore momentarily to restrict itself to a less enticing bridges and cross-ties. The greater part of the these securities; and favorable proposals have part, perhaps a more modest, but not less useful

The means of the company for building the road, may be stated as follows:

Total cost of road and equipments. \$1,647,291 88 Purchase of Tallahassee R. R. stock 60,000 00 60,000 00

\$1,707,291 88

RESOURCES.

Capital stock, property, &c. \$622,799 92 Guaranteed 7 per cent. 105.66 bonds for miles at \$10,000 . . . 1,056,666 00

for Suwannee

bridge.... 50,000 00

1,729,465 92

.... \$22,174 14 Excess of resources .. Add value of 369,810 acres of \$3...1,109,430 00

Balance available resources. .. \$1,131,604 14 Or \$24,938 14 more than sufficient to retire all the bonds the company are authorized to issue.

The French Railways.

From the Paris Moniteur, Dec. 1.

MINISTER PUBLIC WORKS TO THE BMPEROR. PARIS, Thursday, Nov. 30. SIRE: Your Government is called upon to reg-

ulate for the year 1857 the degree of activity to be given to the great railway enterprises.

I have the honor, agreeably to your Majesty's orders, to submit to you a resume of the principal facts of the two preceding years, and the judgment (appreciation) I have formed, after a careful investigation, of the resources necessary for the companies to carry on the next campaign.

In a report submitted to your Majesty in 1855, my predecessor stated the immense movement which, since 1852, had manifested itself in every branch of national labor, and which especially gave so marked a development to our railway

network.

The network, (reseau,) the length of which was 3,600 kilometres at the commencement of the revolution of February, and which remained stationary during the three years of political agita-tion and commercial stagnation which followed, was increased on the 31st of December, 1854, by successive concessions, to 9,236 kilometres. The length worked had progressed with equal rapidity. It was 1,850 kilometres in February, 1848, and at the end of 1854, it was 4,647 kilometres.

The commencement of the year 1855 was marked by new and important concessions. Districts for a length of time devoid of any rapid means of communication have been enabled to enjoy this blessing, which in our moderu civilization has become an essential condition of prosperity, almost

of existence for a country.

Provisional conventions concluded by my predecessors with the Orleans and Grand Central Companies, and, moreover, with the Lyons, Orleans, and Grand Central united-conventions sanctioned at a later period by the decrees of the 7th of April and the 20th of June, 1855—have given legitimate satisfaction to the principal interests of Normandy, of Bretagne, and of Central France.

In February, 1855, when the confidence of your Majesty deigned to call me to the office of Agriculture, Commerce and Public Works, the concessions realized or finally decreed comprised a total extent of 11,260 kilometres; a length of 4,647 kilometres was open to tariff; and the works to be finished or completed comprised 6,603 kilometres of the lines granted.

If this general condition of railway enterprises realized in the present and promised for the future ever fruitful sources of public prosperity, the works to be executed rendered it necessary to employ a large portion of the country, and im-posed a hard task upon private industry.

The Administration of Public Works had there

one—namely, to regulate with prudence the progress of the enterprises commenced, and to avoid every dispersion of strength or resources by ad-

journing further concessions.

The campaigns of 1855 and 1856, guided by these views and devoted exclusively to the continuation of the lines conceded, produced results the full importance of which I trust your Majesty

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the full importance of which I trust your Majesty will appreciate.

In the course of 1855 the great trunk line from Lyons to the Mediterranean, the non-completion of which was, under so many grave circumstances, a sort of public calamity, saw the break filled up which still interrupted circulation between Lyons and Valence. The Normandy line was opened as far as Caen. The Line from Bordeaux State, to Bayonne, already open to Dax, was thrown open to its whole extent. The Chemin du Midi The Was finished between Bordeaux and Tenneins. Various important sections were moreover, com-struct structs. Various important sections were moreover, com-pleted by the Northern, Eastern, Lyons and Grand Central Companies.

The total length of the sections opened in the course of the campaign amounted to 890 kilometres. The total length of network open to traffic on the 31st of December, 1855, amounted therefore to 5,537 kilometres, while the extent of lines unfinished was reduced to 5,713 kilometres.

than that of 1855. Already, in August, the Chemin du Midi reached Toulouse; at the end of December, or early next year, the line from Toulouse to Cette will be open all the way. The branch to Lyons, so long delayed by unfortunate circumstances, and the non-completion of which was reviewed, detrieved to expression. seriously detrimental to commerce, was recently opened. There is no break now of this great line of 800 kilometres, which unites Marseilles and Paris.

Limoges and Niort have been joined to the Orleans line; Fecamp and Alecon to the Western line, Besancon and Gray to the Paris and Lyons line; Aix to the line from Lyons to the Mediter-ranean; Bourg to the Lyons and Geneva line; for the interests of other sections belonging to the Eastern, Paris and Lyons, St. Rambert to Grenoble, Grand Central, these enterprises.

rendered necessary by the execution of so vast an enterprise. It is not even without interest, as information to indicate either the proportions ac-cording to which the expenses are divided between the principal periods which have marked the last 34 years, or the contributive portion which, dur-

ing the same period, has fallen upon the State.

The years between 1823 and 1830 were for railways a time of experiment and trial, in which the companies spent annually on an average about 470,000 francs. The State gave them no aid.

In the twelve years which followed the revolu-

tion of July, the indecision as to what system for the construction of railways should be adopted, the construction of railways should be adopted, the little confidence these new speculation inspired paralyzed their development. Thus the expenditure on an average did not exceed 14,850,000f. annually incurred by the companies. The State only came forward with an annual outlay of 270,000f.

The law of the 11th of June, 1842, gave a new impulse to railway enterprises; from 1842 to 1847 the annual outlays reached, on an average, 85,000,000f. for the companies, and 46,400,000f.

From 1848 to December, 1851, which political cares dried up the fountains of credit, the annual outlays of the Companies fell, on an average, to crated by a recent law, and that your Majesty will see the realization of the hopes consecrated by a recent law, and that your Majesty will with the Old is to commence at Cork; and along 50,000,000f., and the sacrifices of the State to 75, be able to intrust a company with the continuation of the works which, in the idea of exalted solic-thousand six hundred and eighty miles—the bot-

But, dating from 1852, when healthy confidence itude, you gave me the order to see carried out in was restored, and new institutions gave to France safety and faith in the future, the parts were changed. The annual expenditure of the companies increased in a remarkable proportion, amounting to the average of 216,000,000; the sacrifices of the Treasury diminishing no less rapidly, and were reduced to the annual sum of 17,000,000f, in compensation for repayments made by the companies in virtue of new concessions.

By thus limiting the new concessions to lines of communication which are recommended by powerful considerations of the general interest, by guaranteeing the existing lines against ruinous maintain the credit and the confidence which are attached to one of the principal branches of the public fortune.

I am, with respect, Sire your Maiester's most

Finally, under the incessant action of credit Finally, under the incessant action of credit and of general prosperity, the outlay of the companies reached in 1855 the sum of 430,000,000f., and in 1856, 458,000,000f., while those of the State, deducting repayments, only amounted for those two years to 30,000,000f.

The resume of these figures, which mark the progress of public confidence, shows that the construction of the network of French railways has, up to the present cost 3,080,000,000f, of which

up to the present, cost 3,080,000,000f., of which 66I,,000,000f. fall to the charge of the State, and 2,419,000,000f. to the charge of the companies. To this outlay the years 1855 and 1856 have alone cooperated to the enormous amount of 919,-

Certainly such outlays and such efforts, asked Certainly such outlays and such efforts, asked from the country at the same time that it supported, in a distant land, a great and glorious war—when it patriotically subscribed to national loans of unprecedented amount—when other works gave health and splendor to our great cities, display the admirable activity and the powerful resources of the Empire; but they also explain and justify the prudental measures adopted by your Majesty in 1855, and your official resolve published in the Moniteur of the 9th of last March, not to great any new concession in 1856. not to grant any new concession in 1856.

It would have been as well if the spirit of speculation had not exposed itself to a risk, by going beyond our frontiers in search of new enterprises, in rendering less efficacious these wise precautions recently imitated by other powers; but it suffices for the interests of public credit that the attention of the Government continues to be directed to

and Graissessac to Beziers lines are an analysis or will shortly be completed.

The total length of the sections open, or to be opened in 1856, amounts to 963 kilometres.

Thus, at the commencement of 1857, or the crassmille of the network of railways, comprising a state. The delays in completing the works have will present an extent of 6,500 kilometres; and there will only remain 4,750 kilometres to be completed.

The trailways of the lines conceuts, demand an outlay exceeding 1,260,000,000f., of the section of the lines conceuts, demand an outlay exceeding 1,260,000,000f., of the section of the lines conceuts, demand an outlay exceeding 1,260,000,000f., of the section of the lines conceuts, demand an outlay exceeding 1,260,000,000f., of the section of the lines conceuts, demand an outlay exceeding 1,260,000,000f., of the section of the lines conceuts, demand an outlay exceeding 1,260,000,000f., of the section of the lines conceuts, demand an outlay exceeding 1,260,000,000f., of the section of the lines conceuts, demand an outlay exceeding 1,260,000,000f., of the section of the lines conceuts, demand an outlay exceeding 1,260,000,000f., of the section of the lines conceuts, demand an outlay exceeding 1,260,000,000f., of the section of the lines conceuts, demand an outlay exceeding 1,260,000,000f., of the section of the lines conceuts, demand an outlay exceeding 1,260,000,000f. are to be provided by the regulations. These delays comprise a period of ten years, and it must be further added that the works of the sections which are to be opened to traffic in the conceuts, and the conceuts of the lines conceuts of the lines conceuts of

Companies is, moreover, of a nature to inspire public confidence. The net produce, which in 1847 was 22,000f. per kilometre, fell suddenly to 13,600f. in 1848; but since 1862, and despite the addition of secondary lines, its gradual increase has been as follows:

Francs. 1852.....21,600 1853.....24,600

This produce received an exceptional impulse in 1855 from the Universal Exhibition, and rose to 30,000f.; but if that amount is not reached in the present year, the increase is not the less visible on 1854, for, according to the returns of the first three quarters, the net produce of 1856 promises to be 28,000f. at least per kilometre.

I am therefore confident, Sire, that after having shielded the interests of actual enterprises, it will not be impossible for your Majesty to listen favor-ably to proposals made to your Government for the extension of our railways, especially as regards the network of the North and the lines of the

But, dating from 1852, when healthy confidence itude, you gave me the order to see carried out in

I am, with respect, Sire, your Majesty's most humble and most obedient servant and faithful E. ROUHER, subject

The Minister Secretary of State in the Depart-ment of Agriculture, Commerce and Public Works.

* 684 kilometres, the concession of which was decreed a titre eventuel, are not included in the 11,-250 kilometres.

† The French Kilometre is the distance of 1,093 ards, or about two-thirds of an English mile.

The Electric Telegraph Over the World.

The Electric Telegraph Over the World.

Benjamin Franklin was a man of acquirements in advance of his age. Studious of the nature of lightning, and versed in the science of electricity as if then known, it was he whose sagacity first detected their affinity, and who, in 1752, first applied conductors to the protection of buildings; and his invention will be a constant safeguard to property to the end of time. He, too, took a prominent part in the war of independance; he negotiated the treaty of alliance between the United Provinces and France which involved that country in an American and European war with England in 1778, and probably led remotely to the great revolution of 1789; he signed the treaty of peace between the United States and Great Britain in 1783; and, first Minister from the new republic to the and, first Minister from the new republic to the mother country, received from George the Third the emphatic assurance that, as he had been the last man in England who had acknowledged its independence, so also he would be the last man to dispute it. But Franklin died in 1790, long before the heats incidental to that struggle which freed his country had subsided, and very bitter feeling prevailed between the two countries during the latter years of his life. But what would the father of electrical science have said if he had known that there were children in the world which he was leaving who would live to see the day that all England rejoiced that such was the triumph of science that the salute which inaugurated the 4th of July in New York might be fired by English engineer officers in London?

Yet it is even so. In no great number of months the galvanic wire will connect England with the New World, and early in 1858 the electric current will carry a message or fire a gun across the At-lantic with a velocity that allows no appreciable measure of time. Wonderful as the project is measure of time. Wonderful as the project is it is no mere speculation; the thing has already been accomplished. Already submarine telegraphs, concentrated in London, traverse St. George's Channel to Dublin, the North Channel to Carrickfergus, the Straits of Dover to Calais and Ostend, and the North Sea from Orfordnest to the Hague. Nor are other countries behind hand—the Little Belt, the Great Belt, and the Sound are tra-versed by a line to Karlscrona, which connects Sweden with the rest of Europe. France commu-Sweden with the rest of Europe. France communicates with her Algerine Governor by a line which passes from Spezia to Cape Corso over Corsicaand Sardinia to the neighborhood of Tunis, and thence to Algiers by land. Even the inexhaustable Euxine has received the beneficial messenger, and many an anxious mind has been relieved by the telegraph from Balaklava to Varna; whilst preparations are being made to communicate in the same manner with Malta, Constantinople, Alexandria, Aden, and thence to Kurrachee, where it is to be connected with the Indian system.

The line which is to connect the New World

tom of the sea is a plateau or long continued bank, obtaining information before our hours of activity so discovered by Lieutenant Maury in 1863, and so eminently suited as the resting place of the sub-marine cable, that it has been called the telegraph platform. It is of a tolerably uniform depth, not more than has already been successfully encoun-tered during the greater part of its extent, though deeper near the Irish coast than the shores of Newfoundland, and about two or three miles in breadth. This bank is composed of a bed of the most minute possible shells, so small as to be scarcely distinguishable by the naked eye, and of such a delicate and beautiful structure—apparently kindred to those microscopic shells which form some of our chalks and marbles—as to prove the complete stillness of the water at that depth. Indeed, it is well known that the disturbance caused by the waves, even of the most violent storm, ceases at a depth comparatively trifling. St. John's is two or three days nearer England than Halifax; and now that a dangerous reof, called the Merlin Rock, to the narrow entrance to the harbor, eighteen feet below the surface at low water, has been skillfully and successfully removed by the order and at the expense of the company, the largest steamers in the world can with safety pass in and out of that land locked harbor, which possesses abundant faclities for coaling first class steamers. Crossing Newfoundland to Cape Ray, the cable is laid down across the Gulf of St. Lawrence to Cape North, whence, traversing Cape Breton Island, it is car-ried to Halifax, whence it distributes messages over the whole continent of North America.

Amongst the most remarkable events of the age in which we live will be the changes effected by this new agency of intercommunication. Rapidly as steam has bridged the Atlantic, however soon as we may expect a still greater rapidity of interchange of correspondence arising from the improved construction, and, to a certain degree, increased size of ocean steamers-still there will some time or other, be reached a limit to the velocity with which these huge bodies can be moved —which limit, indeed, cannot be very far distant; and however great the rate of speed might be which science may hereafter command, it would still leave the great commercial world of America at a disadvantage as regards its trade compared with the nations of Europe. The facilities which this line will afford to commerce in the rapid interchange of orders and information, the certainty it will give to mercantile calculations, the comfort it will bestow upon several friends and relatives, the pacificatory effect it will have upon diplomatic relations, by making it possible to settle difficulties almost before they arise—at all events before they are known to exist-are incalculable; but the area over which its influence will extend in North America may be measured by the fact that whilst at the end of 1852 the total length of electric wire in the United States amounted to 24,375 miles; in March, 1854, according to a report presented by Mr. Shaffner to the Telegraph Convention, the total length of electric telegraph was no less than 41,892 miles; and from that increase, of more than a thousand miles a month, we may fairly infer it now greatly exceeds that enormous estimate—the expenditure upon which has been \$8,671,800, or about £1,400,000. The Electric Telegraph Company's system in the United Kingdom, at the termination of the half year ending June 80, 1854, comprised 26,988 miles of wire, and the number of messages transmitted during the previous six months, amounted to 372,474. A curious but convenient peculiarly in the transmis-sion of messages will arise from the difference of longitude - New York time being about six hours behind London. It follows, according to the arrangement at present contemplated, that the messages which are forwarded from London from ten in the morning till four in the afternoon—our business hours—though they arrive instantaneously at the other side, do so, according to their time, between four and ten in the morning, and at their ten o'clock these replies until their four will reach the country between four and ten is the evening. this country between four and ten in the evening, Along here leaving them the whole night for consideration or every day.

recommence, at ten in the morning. The cable will be itself 2,500 miles long, to allow for slack, and will be divided into two lengths, each on board a separate vessel. The ships will meet half way, at a point previously fixed on, and having connected the two ends of the cable, will steam away, one towards Ireland and the other towards Newfoundland, paying out the cable as they go, and interchanging signals all the way.—London Post, Dec. 4.

Explorations in the Far West.

COL. SMITH'S RECONNOISANCE OF MILITARY ROAD IN THE SAUK RIVER AND PEMBINA REGION.

From Mr. M. N. Fisk, we learn the particulars of the progress of Col. Smith's train:

The object of the expedition, we learn, was on of reconnoisance, for the purpose of examining the

country with an eye to roads, and for the selection of sites for new military posts.

They left Fort Snelling under the command of Col. C. F. Smith, U. S. A., guided by the well known Peter Burtneau, who has often travelled over, and from childhood been intimate with the wild intricacies of the Northwest. The command consisted of one hundred and fifty men, all told, embracing two companies of United States troops, officered by Captain Gardner, Lieut. Clinton, Bryan Carney and J. H. Forney, the last men-tioned acting as Quarter-master of the train, besides thirty-four wagons and about two hundred

The train crossed the Mississippi by the Middle

Ferry at St. Cloud, and penetrated the wilderness of the west by ascending Sauk River. The expedition crossed Sauk River three miles above its junction with the Mississippi, and eighteen miles above, again crossed it and passed by Lake Henry, forty miles and a half from St. Cloud by the Roadomiter; thence across the north fork of Crow Wing River by Lake McCloud; which like Lake Henry is reported to be small, clear and deep. Along their line of travel, and around these lakes, the land is excellent; alternating with wood land and prairie, covered with luxuriant grasses, and the forests abounding with a healthy growth of the various hard wood timbers peculiar to this latitude. At Lake McCloud they saw and passed the last lone settler—a hardy pioneer on the very verge and edge of civilization. After leaving this place, they crossed the Chippeway River, the timber gradually growing scarcer as they proceeded, and the prairies larger. Passing Pomme de Tay, around which there are some beautiful rolling prairies, (interspersed with numerous levely little emerald lakes, all abounding in delicious fish,) over which the tall grass waves to the breeze, like the ocean to the trade winds, they came to Lightning Lake, around which there is very super rior farming land, with fringing skirts of timber; then by Soux Wood River, fourteen miles futher. on. Here they found a country truly beautiful, with lovely scenery, worthy of the planters effort, and the pilgrimage of the tourest. They crossed this river with Ponton wagons, and next day camped at Graham's Point, on the western bank of Red River, of the north, and at the supposed head of steamboat navigation of that river. is probably destined to be a very important point. Three days travel brought them to Wild Rice river, which runs into Red River from the west. Here in the unbroken solitudes of the wilderness they buried one of their comrades, who had died with the brain fever-a private in one of their companies. His name was Towns. The next stream they passed on their road northward was the Shy anna Oju; this they crossed by building a tempo rary bridge. Thence eighteen miles to Maple River, where timber became more plenty, and the land excellent. Thence they traveled fifty-four miles to Goose River, where they killed their first buffalo. Their guide broke down his horse in chasing the same, and had to abandon him; but subsequently had the good fortune to get him. Along here they encountered more or less buffalo

On the 27th of August they arrived at Minn, Waken, or Devil's Lake; a large salt water lakes surrounded with poor land destitute of timber, and scant of vegetation. Along here they traveled four days without wood. Ninety miles brought them to St. Joseph's on the Pembina River, which is the new town built since the great freshets in Red River, and is situated on an eminence on the bank of the Pembina, thirty miles above its confluence with Red River, where in the low bottom, subject to overflow, stands the old half-breed town of Pembina. St. Joseph contains about two hundred poorly built houses, a Catholic chapel, and fifteen hundred French and Kree Half-breeds. They next proceeded to Pembini, which was the furthest point reached by the Expedition. This town is situated about a mile and a half south of the British and American boundary line. - Watab (Minn.) Northern Herald.

Iowa Railroads.

An event transpired here on the 13th, Dec., of vast importance to this growing city and this re-gion, as well as of deep interest to Chicago. A vote was taken to see if the citizens of this place would authorize the issue of city bonds to the amount of \$500,000 to aid in the construction of two new railroads from this city, and it was decided in the affirmative, only four votes being polled against it, out of an aggregate of fourteen hundred and sixty-one! The roads to be aided are

the following: One to run in a south-westerly direction, designed to tap and put us in communication with two central east and west roads across the State aided by the Congressional grant of lands. For the present it will commence at or near Farley, a lit-

tle over 20 miles west of here, on the Dubuque and Pacific Railroad, and running thence 28 miles. It will strike the Lyons road, which runs thence due west to the Missouri River, proceeding then from the point of junction still south westerly about 30 miles more or less, it will strike the Mississippi and Missouri Railroad (which is the ex-tension of the Rock Island road) and thus give us a connection with and a branch of that road, leading to our future capital, Fort Des Moines and

The other road to be aided is the Dubuque, St.

Peters and St. Paul Railroad. This will commence at Dyersville, a point 24 miles west of here, on the Dubuque and Pacific Railroad, and running north west, strike the Minnesota line, and thence be carried in that Territory to the great bend of the St. Peters River and St. Paul. This company are to co-operate with the Minnesota company, that once had a grant of land from Congress, but which they did not get possession of, which will be renewed at the present session.

Thus by these two roads and the Dubuque and Pacific, this city will have a main trunk road due west to the mouth of the Big Sioux River at Sioux City, on the Missouri, (which road has been aided by a grant of land from Congress, and is now build-ing, the first section 24 miles to be opened in a few weeks and also two other routes to the Missouri via the Lyons and Davenport roads, and a route through the best part of Minnesota to St. Paul.

I have said these two best roads would commence about 20 miles west of here on the Dabuque and Pacific for the present, using that road to get to this city, the object being to expedite the progress of the works into the interior, but ultimately they will come into the city on independant lines. The Dubuque, St. Peters and St. Paul road will be virtually a direct extension of the Illinois Central; and the south-western road will connect here with that road also, and the Southern Wisconsin from Milwankee, now building towards us. They will both be prosecuted at once; \$250,000 of the bonds being appropriated to each, and companies being already formed and a considerable amount of stock subscribed for.

This settles the fact that this city is to be the greatest railroad centre west of Chicago. Books have been lately opened in Plattsville, Wis., for subscriptions for a railroad from Arena to Dubuque, a point north-east of here, running through

Grant County, one of the richest and most populous in that State. By the grant of Congress of lands to the Dubuque and Pacific road, also a branch was provided for, from the mouth of Tetes des Morts River, 14 miles south of here to the nearest point on the Dubuque and Pacific road. That point is found to be this city, and a company een formed to construct it and continue it to Bellview, 24 miles down the Mississippi, to be ultimately extended further. Thus everything points hitherwards to indicate a great town. polled considerably more votes here at the last election than any other town in the State. Great preparations are making for building here next year. You have already chronicled the astonishing facts as to the present year .- Correspondence Chicago Press.

The French Government and its Aid to Railways

M. Rouher, the French Minister for Public Works, Commerce and Agriculture, has addressed to the Emperor a report on what has been done in railways up to the present time, and on what is needed for the current year. It closes by recommending the amount to be sanctioned as the issue of new scrip for 1857. This is no less a sum than £8,500,000. It may sound small when compared with the gigantic capitals of our great railway companies, but it is a great sign of health and activity that so considerable amount should be considered disposable in works of this nature under

the existing circumstances of France. There is a wide difference between the effect and the power of our insular railways and the great continental lines of France—lines which open the routes to the Mediterranean and the Adriatic on the one side, and to the Baltic on the other. A man may go now by railway five hundred and fourteen miles from Paris to Marseilles; or he may reach Lucerne and go thence across the most beautiful country in the world to Venice; or he may pass entirely by rail through Frankfort, Berlin, and Pomerania to Dantzic, or he may visit War-saw or Cracow. With all these places, and by her great line to Bordeaux with the Pyrenees, Paris is now in direct railway communication. There can be no doubt that this vast mass of money laid down in iron and expended in steam is one of the great signs of the prosperity of a country. The progress of railway works of real utility is at once the symptom of health and the source The rapid communication between towns that a few years since scarcely knew of one another's existence-the quick interchange of ideas between men, foreigners by natural position -are the great civilizers of the world. Those who can command the lines where the quick pulse of the steam engine coins gold on the iron rail do most in the advancement of their age. In England we have business, commerce, important manufactures, vast exportations, all packed close-ly within the limits of our island. Rapidity of transit is everything to us. We are using our utmost energy and strength to be quicker than our neighbors-to make our productions available before all others, by the speed with which we turn them out. Our lines, it is true, command no great routes of continental travel, but they are the channels by which we reach every corner of the globe. It is no wonder, therefore, that for years past the face of our country has been covered in every available quarter with a network of iron—that the scream of the railway whistle is heard in places which would have been pronounced im-practicable of old—that the sea is bridged over by the wonderful tube which the genius of Stephenson invented for its purpose.

Till France enjoyed a firm government, which knows what it will do, and sees how it is to be done, very little was effected in commanding the great lines which it possesses. In February, 1848, the extent of line worked was 1,850 kilometres, or about 1,155 miles. It remained stationary during the time of trouble—during the three years of

when no one knew for a day what the government of France would be on the next. Commerce was paralysed. From 1852 till 1854 a very different state of things arose. At the end of 1854 the line worked had increased to 2,905 miles. In the course of 1855 the great trunk line from Paris to Marseilles was completed, thus opening to the capital a rapid road for the commerce of the Mediterrane-We learn further from the report that the extent of line remaining to be finished at the opening of the coming year will be only 4,750 kilometres out of 11,250, or about 2,965 miles out of 7,030 in progress.

The Eric Canal.

We learn from sources which we consider entirely authentic, that in the opinion of those State officers whose duties render them most convers ant with the condition of the canals, the spring navigation will open with a very important addition to the present capacity of the Erie Canal. It is obvious that the capacity of the canal for through freight is no greater than the capacity of its narrowest and shallowest part, and that so long as there is a single mile which admits of the passage of boats of only a hundred and thirty tons burthen. It is just as bad for boats going east from Buffalo as if no part of the canal exceeded that capacity. We are assured by those whose means of information are undoubted, that with proper energy on the part of the commissioners in charge, the canal will open in the spring with five feet depth of water from end to end. This will admit of the passage of boats of not less than two hundred tons butthen—a fact which ought to be known to all interested in the navigation of the canal, that the boats built the present winter may be adapted to this enlarged capacity.

Some doubt has existed respecting that portion of the canal near Port Byron, respecting which there has arisen a difference of opinion between members of the Canal Board. A majority of the Board decided to straighten the canal at that point, but Commissioner Fitzhugh-whether from hostility to Western interests or some other motive, we will not undertake to decide-objected to this shortening of the distance between Rochester and Syracuse, and was instrumental in procuring from Judge Harris, of the Supreme Court, an order arresting the prosecution of the work. ority of the board being of opinion that the action of Judge Harris was clearly illegal, decided, last week, to apply to the Court of Appeals for a removal of the injunction. Since this action of the Board, Commissioner Fitzhugh—whether from an apprehension of the judgment likely to be pro-nounced on his course in Western New York, we cannot say—has expressed his willingness to deep-en, during the present winter, the old bed of the canal at the point named, and promises, if the Auditor will pay his drafts, that every part of the division of the Erie Canal under his charge shall have five feet water at the opening of navigation in the spring. We understand that Commissioner Fitzhugh has received assurances from the Auditor that his drafts will be paid for work expended in deepening the old channel near Port Byron. therefore think that we have sufficient authority for the announcement that there is a reasonable prespect that the Erie Canal will open in the spring with a depth of five feet of water throughout its entire length. This important addition to the capacity of the canal cannot fail to exert a favorable influence on its business.

With regard to ulterior operations and the completion of the enlargement, the case is not so clear.

There is but one opinion among the State officers and we are confident their views will be concurred in by a majority of the people of the State-respecting the importance of a speedy completion of a work now so far advanced. The means of its further prosecution, after the expenditure of the last loan of a million of dollars which has now been advertised, is a question for the Legislature the time of trouble—during the three years of and the people of the State. The principal financial doubt, of misgiving, of agitation—which succeed-officers of the State are of opinion that the people ed that date. Enterprise slept, and money was would not consent to any further tinkering with

grasped lightly by all who could command it, the constitution, even if there were any prospect that the Legislature could be induced to submit the question to their decision. The canal Auditor, the duties of whose office make him familiar with this subject, is of opinion that an attempt to reopen the constitution would be productive of very grave evils. If a proposition to amend the consti-tution were submitted to the people it is probable that they would reject it. The year's delay thereby occasioned would be worse than so much time lost in a fruitless experiment; for a suspension of the work which has been commenced, would, as the stop policy of 1842 taught us, involve heavy expenses in damages to contractors and a loss of materials. If a proposal to amend the constitution were adopted by the people the case would be much the same. Although money might be raised in that way it would be attended with all the delay required for the action of two successive Legislatures, and the consequent suspension of the work already commenced. More than half as much money would be lost by this delay as is re quired to complete the enlargement. This loss is a certain consequence of submitting the question of re-opening of the constitution to the people, while the success of the proposal is more than doubtful. Is it wise, now that the work is so near completion, to sink two millions in an attempt which would probably have no other result than to postpone for another year the adoption of some practicable measure? The financial officers of the State think not, and we incline to agree with them.

Although this is a matter for the Legislature, the information on which that body will act must be derived from the State officers. The annual reports of the Comptroller and Canal Auditor will, therefore, be looked for this year with unusual in-terest. We understand that the Auditor will discuss the financial aspect of the canal policy of the State with considerable fullness, and from the well known ability and long public experience of Mr. Auditor Benton, it is certain that his views will command universal attention. They have been formed after a careful study of the whole subject and will be expressed, it is perhaps needlees to say, with entire independence.

Although the Governor elect and the Comptroller belong to different political parties, it is expected that they will come to some mutual understanding respecting the financial policy of the State, in the present important conjuncture, and that the annual message of Gov. King and the annnal report of Comptroller Burrows will present no conflicting views. It is earnestly to be hoped that all who are interested in the early completion of the enlargement may accede to what shall, on the whole, seem to be the wisest policy, and act in concert. In attempting to promote the best interests of the State we can afford to rise above all merely party considerations .- Buffalo Advertiser.

The Harbor at Niagara Falls.

The late soundings of the river about Niagara Falls have developed a harbor there of something like two hundred and fifty acres, giving from twelve to fifteen feet of water. A bar, running from the Old Schlossor landing nearly half way across to the Canada shore, has hereto-fore prevented the entrance of vessels to the basin below. This is to be removed in the spring, a large pier is to be built out from the American shore, below the basin and above the rapids, which will make navigation for all lake vessels to the mouth of the Mammoth Hydraulic Canal, now being built. When these enterprises are completed, the town of Niagara Falls will possess superior advantages for commercial and manufactoring interests.

The Tyrone and Clearfield Railroad.

We understand that the Clearfield and Tyrone Railroad Company have contracted with Messrs. Brady, Single & Co., to do the grading of their road, 22 miles to Philipsburg, for \$90,000, and that they have already commenced the work, which they expect to have done by the middle of August next.

Railway Share List,

Compiled from thelatest returns—corrected every Wednesday—on a par valuation of \$100.

NAME OF COMPANY,	L'ngth of Road	Capital paid in.	Debt.]	Total cost of road & equip't.	Gross Earnings for last official year.	Net Earnings I	Dividend for do.	Price of Shares.	NAME OF COMPANY,	Lugth of Road.	Capital paid in.	Debt.	Total cost of road & equip't.	Gross Earnings for last official year.	Net Earnings for do.	Dividend for do.
tiantic & St. Lawrence	149				470,64° 209,47		б	64	Brunswick and Florida, Ga. South Western	30 92	300,000 1,097,496	800,000 465,500		In progr. 253,306	141,168	8
ort. Saco & Portland	56	1,114,72	1,661,236	2,470,600 1,486,327	270,214			84%	Tennessee and Alabama	30	246,486 170,931		679,906	In progr. In progr.		
oston, Conc. & M'ntreal	63	2,085,924			380,22	1 143,565	2	13%	Mobile and Charlest'n	217 153	2,179,440 2,568,555	2,127.002 1,802,921		311 681 199 932	159,572 109,236	
oncord	85	1,500,000	8,242	1,412,576 3,016,633	335,949	9 138,299	2%	76 39%	Miss. Central N.O., Opelousas & G.W	188	642,534 2,930,425	none 671,645	628,303	In progr.		
orthern, N. H	61	1,048,148	787.608	1,780,062	162,685 394,971	7 55,173	none	4	East Tennessee and Ga		111,750	none 1,500,000		In progr.		
ermont Central	117	5,000,000 1,830,000	3,550,236	8,463,366	820,119 489,754	9 214,793		53 %		16	625,425 2,319,330	938,593	1,033,781	In progr.		
oston and Maine.	83 74	4,076,974	150,000	4,179,535	854,426	339,060	6	77%	Covington & Lexington Lexington and Frankfort	98	1,302,804	1,497,081 2,235,939	3,843,694 3,738,753	264,978	138,694	
oston and Providence.	55 68		359,132	8,677,154	558,671	219,689	none	82 %	Lexington and Danville Louisville and Frankfort	65	430,055 694,444	158,099 52,734		93,263 In progr.	43,635	
oston and Worcester	47 52	681,690	280,598	997,252		65,527	3	49%	Atlantic & Gt. Western	254	698,236 866,939	669,061 77,294	613,231	244,014 In progr.	96,902	
astern, Mass.	60	2,583,400	2,947,737	4,621,016	647,281	305,998		40 70%	Bellefontaine and Ind Clev., Col., and Cincin	141	1,881,635 4,547,020	2,025,925 122,857	2,852,652 4,613,722	1,290,295	140,823 732,056	9
tchburg	167 30	8,540,000 800,242	225,585	968,521	In progr			10/2	Cleveland and Toledo	103	2,675,425	2,689,301	5,124,629 628,533	In progr.	396,986	10
d Copy and Fall Kiver	21 87	500,000 3,015,100	292,650	533,953 3,362,949	653,499	295,738	6	83	Clev. and Pittsburg Cin., Hamilt'n & Dayton	60	2,780,744 2,153,900	3,043,992 1,321,213	5,537,466 2,987,757	581,877 508,271	309,518 278,012	
ermont and Mass.	155	2,232,541 5,150,000	1,033,670 5,966,420	3,209,727 10,495,905	268,726 1,869,673	633,013	7	88%	Cin., Wilm, & Zanesy'e	121	1,120,450 1,484,550	1,131,265	2,326,459 1,481,733	In progr.	187,518	
oreenter and Nashua	46	1,141,000	205,565	1,351,271	204,780 811,430	138,057		45 76	Dayton, Xen., & Belpre		437,838 1,076,602	422,658 393,011	860,496 1,185,826	In progr.		
rov'nce and Worcester artford and N. Haven art'd, Prov. and Fishkill	72 122	2,359,000 2,008,110	939,000	3,313,932 4,060,869	730,012 258,685	119,611	10 none	119%	Dayton and Western	35 42	310,000 454,690	500,000 904,489	733,769 1,155,135	171,929	85 000	
mantonic	110 57	2,000,000 1,031,800	414,240 524,244		339,196 220,459	71,427 93,768	none			65	2,963,921 2,451,650	1,171,785	3,648,172	681,562	65,000 836,708	
York and N. Haven	62 50	3,000,000 738,258		5,376,803 1,450,318	884,306 88,007		none	36	Central Ohio Ohio and Penn	128	1,520,927	2,572,932	4,446,661 4,283,443			
Haven and N.London London, W. & Palmer	66	509,200	1,073,673	1,594,383	124,044 304,236	66,430 88,458	none	20	Pittsb'g, Maysv'e & Cin. Sand'y, Mansf. & New'k	50	2,451,700 371,350	8,219,000 31,000	5,670,700 1 390,933 1	in progr.	662,117	9
wich and Worcester bany Northern	32	2,122,300 439,005	873,489 1,625,098	2,597,163 1,840,695	117,716	9,904	-73	30	Scioto & Hocking Valley 1	125	1,350,000 403,975	2,206,357 509,050	3,552,357 888,858	328,958 In progr.	164,479	none
ok River and Utica	35	643,330 1,487,874	317,859 1,501,183	974,323 2,819,096	172,476				Tol. Wabash & St Louis	118	1,000,000 2,500,000	950,000		n progr.		
falo and N. Y. City	04	798,439 1,300,000	2,587,849 1,040,000	3,401,868 2,494,364	288,392 679,750		none		Evansy'e & Crawfordsy	255 109	4,196,679 706,945	4,530,000 1,006,125 1,177,596	2,080,433		64,552	
andaigua and Elmira	47	434,111 1,315,000	922,393 2,279,854	1,275,796 3,495,832	174,089	69,506			thu, and Cheinnau	88	1,213,723 611,400	1,442,859	2,178,461	356,012	193,142	7
A Susquehanna	85	687,000 8,758,466	506,689	1,187,562	135,433 1,812,087	48,649 a		30	Ind., Clev. & Pittsburg	83	826,825	1,099,400	1,907,911 1,831,225	350,176 226,058	134,375 93,010	none
dson River1	95	1,875,148	668,949	2,555,986	301,793	116,462		26	Madison and Indiananous	87	1,014,252 1.647,700	1,336,816	1,205,000	206,544 286,146	94,318 112,880	one
W York Central	64 1	0,023,958	25,126,669	33,439,431	,488,993	2,627,118	one	94 63	New Albany and Salem 2 Peru and Indianapolis 2	73		858,314	6,643,189	645,827 150,000	90,000	none
w York and Harlem 1 orthern, N. Y 1	18	1,633,022	4,406,874	5,470,714	520,153	234,126 t 135,754 t	one	16%	Chicago and Rock Isl'd 1	73 82	974,800 3,141,500		1,502,166 5,214,152	287,512 n progr.	189,702	10
wego and Syracuse	29	399,000 467,200	216,681 294,189	723,683 749,683	126,540 in progr.	59,982	one		Chicago and St. Louis 2	20 .				,077,312 722,580	379,821	
negelaer & Saratoga	25 48	610,000 500,000	140,000 395,600	896,423	241,149 71,909	21,089			Chic., St. Paul & F'd du Lac. 1	88	1,202,500	2,133,050	2,920,241 3,625,000 1	471,399	219,588	
mense & Bingham'n	80 27	768,369 437,830	1,578,804 787,079	2,272,777 1,109,822	159,484 156,363	22,503 r 55,184	one		Galena and Chicago	59	5,441,500		7,742,614 2	,315,786		
tertown and Rome	97	1,370,378 1,000,000	700,979	2,068,063 2,619,000	404,374 161,355	172,474 75,534	3%	63	Ohio & Miss (Wet Day)	93	569,889	818,454	1,388,342 1 4,870,586 1	n progr.	527,952	
mden and Amboy		8,000,000	11,407,200	8,636,523 2	122,417	961,941 1 50,080 n	2 1	24	Terre Haute and Alton 1 Detroit and Milwaukee 1	73 1	2,281,420	1,256,000	3,537,424	n progr	opened.	
w Jersey	30 1	8,482,850	690,000	4,310,011 3,683,149	861,514 393,728	500,747 1	0 1	24	Mich. Central2	82	3,032,444	5,996,013 1	1,966,969 1 0,668,155 2	,215,283	879,656	
rris and Essex	58 1	1,157,805 1,637,867	375,000	1,636,550 1,988,317 I	229,341	96,267	6		Mich. South'n & N. Ind 4 Green Bay, Mil. & Ch 1	55	764 075	6,319,224 1 442,726	1 103 765 1	n progr	875,000	
aw. Wil & Erie	63 1	1,700,000	1,940,000	3,640,000	219,253	52 450 -			Milwaukee & Watert'n 1	72	304,801	2,467,889 132,000	514,238 1	n progr.	417,443	
Lack. & Western 1	09 8		3,884,702		146,381 528,911	259,263	6	80	Milwaukee & La Crosse	15 51	554,200 1,351,832	532,131	1.883.963	n progr.		
and North Mast	33	600,000		750,000 - 1,348,812	89,535	53,335			Racine and Miss Hannibal & St. Josephs		921,906 292,351	580,000	823.310 I	n progr.		
le Schuylkili	10 9	2,606,100 2,530,855	731,492	8,407,651 3,287,678	353,301	255,930	-		North Missouri	25 4			1,824,346 I 7,115,949 I	D Drogr.		
navlwania 20	66 12 96 11	2,355,525 1,030,309	7,519,096 1 7,438,800 1	8,483,489 3 9,004,180 4	,533,333 1 ,321 793 2	1,829,277 2,593,915 1		95 ⅓	St. Louis and Iron Mt.		445.170		186,115 I 6,564,852	D DEOGE	1	
Wil and Baltimore	98 5 88	899,350	3,032,003	7,979,466	942,449 206,981	371,124 - 113,443		45 59.4							4T0'190	276
and Connellaville 14	17 1	,339,661 2,093,740	111,493	1,369,630 I 2,075,650 I	n progr						. ASKED.	ENT SEC	URITIE	5.	OFF'D	
bury and Erie		500 000	2,192,364	3,464,454	503,500	253,500 -				er c	t. Per ct.		6 per ct.co	ma 194	Perci	
			9,670,491 2 25,000	1,650,000	369,229	124,981	8	35 %	Do. 6 do18671 Do. 6 do18681	116		Do.	5 do. Tex	. ind 186	36106	
th-Western Va.	35	413,583	4,316,073	1,729,656 D					20, 0 40, 111111100222		GOLDE C	ECURIT	rna		*******	- 1
h Side	23 1	,457,500 ,871,700	1,489,012	2,739,362	123,466	111,363 69,710 no	ana		Maine, 6 per ct18601	1014	103		a, Can.Lo	n, 6 perc	t	
by & Steubenville 18	18 2	,221,277 ,800,666	280,000 1,051,248	1,184,516	a progr	172,391 no	ne		Massachusetts, 5 per ct. 1859 Do. 5 stg1		101	Kentu	do. pro	t.cp.1869	72 101	
ma and Tennessee 14 mond and Danville 12	9 2	,600,000	2,969,780	5,469,780	255,920 316,309	126,329 144,662			New York, 6 per ct.1860-621	103	106					1
amond at Peterson Passes *	100	768,100	256,048	1,148,054	151,947 232,172	73,234 no 120,212	one .		Do. 6 do. 1864-651 Do. 6 do. 1866-671 Do. 6 do. 1842-731		113 117	Do	and, 6 do.	CP	0 000	a 1 14
archure and Roanoks 6	3	769,000	158,502	1,009,115	263,874	123,661 4	11		Do. 5% do. 1860-611	100						18
th Clampling	1 1	,070.775	1,373,989	2,330,877		151,064 no	one _		Do. 5 do 1858-601	100	101	Do.	6 do.	186 187	0102%	10 1
n'ton & Manchester	9 1	973,300		,719,045	291,219	103,392 2 138,875 6	1		Do. 5 do18661 Do. 4% do.1868 59-64.		105	Do. Do.	6 do.	187	0108 5107 %	e in
th Carcina 20	3 4	,293,464 ,188,020	968,800 2,731,545	,138,848 1,		206,774 883,402 9			Alabama, 5 do. coup	85	95 82×	De.	5 do.	86	82%	
NES SING LA CTUMENTO-	1 4	719,842 156,000	260,991 4	416,991 1	251,076 068,202	650,350 7	×		Georgia, 6 do. do1872. Dinois Int.Imp. 6 per ct.18471	95		Do. Tenne	5 do.	ср180 ср	T 8734	G.S.
rgia Central 19 on and Western 10	1 3	,888,140 ,280 560	none 8	,833,140 1, ,647,045	280,570 850,802	96,104 10			Do. 6 do. Int'est. Indiana 5 de.	81	83 84 %	Do. Virgin	6 do	ср18	90	34
		274,600		929,416		118,824 8		- 11	T LIVE STREET SAN							30.10

INAMES C7 COMPANIES.	unt of	Descriptio	n of Bonds.	Int	Interest pay-	ere ble.	PER STORES	ed.	- Po
(The following quotations are ex- interest.)	Amount Loan,	nimerate bas total committee	eriny faris	Rate In	able.	Where payable.	Due.	Offered	Asked
labama and Tennessee River	\$838,000	1st mortgage,	convertible	7 7		N.Y.	1872 1866		853
suffalo and State Lineellefontaine and Indiana	500,000 600,000	Do.	inconvertible	7	April, October. Jan'y, July	66	1866		85
Do. do	200,000		nvertible	7	Jan'y, July	66	1858 1859		80
Do, do,	1,250,000	1st mort, conv	Cl. Col. & Cin	7	Feb'y, August. Divers	66	1861-64	77	80
Do	800,000	2d do. incor	evertible	7	March, Sept	64	1865	72	74
Do. do. Dayton	500,000	1st mortgage i	nconvertible	7	20.Jan. 20.July May, Novemb.	66	1867 1880	80	90 84
incinnati and Marietta	2,500,000	1st mortgage,	conv. till 1862	7	Jan'v. July	64	1868		76
incinnati, Wilmington, and Zanesville leveland, Painesville, and Ashtabula-	1,300,000	Do.	convertible	7	May, Novemb.	88	1862	91	80 95
leveland, Painesville, and Ashtabula- leveland and Pittsburgh	567,000 800,000		inconvertible	7	Feb'y, August.	64	1861	97	93
De. do	1,200,000	Do.	on Branches	7		- 64	1873		78
leveland and Toledohlcago and Mississippi	525,000 800,000	Do. Do.	inconvertible conv. till 1857 _	7	Feb'y, August. April, October.	66	1863 1862-72		88
Do, do.	1,200,000	Do.	inconvertible	1	April, October.	44	1862-72		65
ovington and Lexington	400,000	Do.	do	1 0	April, October.	64	1867 1883	64	75 66
Do. do.	1,500,000	1st mortgage,	do.	17	March, Sept April, October.	66	1875		82
ort Wayne and Chicago	1,250,000	Do.	conv. till 1863	7	Jan'y, July Feb'y, August. May, Novemb. April, October.	44 44	1873	00	80 94
Do. do	2,000,000	Do. 2d mortgage,	do	1	Feb'y, August.	66	1863 1875	93 85	86
reat Western (Illinois)		1st mortgage,	do	10	April, October.	88	1868	85	
reen Bay, Milwaukee, and Chicago	400,000	Do.	convertible	80	April October	66	1863 1873	90	94
reen Bay, Milwaukee, and Chicago effersonville	300,000 600,000		2d sec. inconv	1 7	10.April, 10.0c. April, October. May, Novemb.		-000		90
dianapolis and Bellefontaine	450,000	Do.	do	1	Jan'y, July	"	1860-61	77	81
dianap. & Cin'ti (for Lawb. & U. M.) a Crosse and Milwaukee	500,000	Do.	conv. till 1857 oc. conv. till 1864	1	May, Novemb. Jan'y, July March, Sept May, Novemb. Feb'y, August. 2 May, 2 Nov. 3 April, October. Jan'y, July 4 April, October. 5 April, October. 5 June, Decemb.	66	1866 1874	87	88
ake Erie, Wabash, and St. Louis	3,400,000	1st mortgage,	conv. till 1859	1	Eeb'y, August.	66	1865	***	70
ittle Miamiiitle Miami	1,500,000	Do.	inconvert	16	2 May, 2 Nov.	B	1883	77%	100
Do.	1,000,000	No mortgage, Do.	do.	13	March Sept	BOSt.	1860 1869	99 %	100
ilwaukee and Mississippi	600,000	lst mort. 1st s	ec. conv. till 1857	1	Jan'y, July	N.Y.	1862		97
Do. do	650,000	Do. 2d	do. 1858 do. 1860	1 8	April, October.	66	1863 1877	85	87
Do. doew Albany and Salem	1,250,000	Do. 1st a	ection	10	June, Decemb. April, October. May, Novemb.	66	1858-62		
Do. do	2,325,000	Do. oth.	sec. con. till 1858	3 8	May, Novemb.	66	1864-75		0
orthern Crossbio and Indiana	1,200,000		do.	1 3	Jan'y, July Feb'y, August. Jan'y, July April, October.	66	1878 1867	****	9
hio and Pennsylvania	1,750,000		do	. 13	Jan'y, July	66	1865-66	88	9
Do do	2,000,000	Income, conv	ertible		April, October.	TO LET	1872	72%	
ennsylvania (Central)acine and Mississippi	680,000		conv., sink'g f'd		Jan'y, July Feb'y, August.	Phila N. V	. 1880 1875		100
cioto and Hocking Valley	300,000		1st sec. conv		May, Novemb.	66	1861		-
teubenville and Indiana	1,500,000		convertible	. 13	Jan'y, July	**	1865		80
erre Haute and Indianapolis				1 8	Manak Gana	44		400	
Perre Haute and Alton do. NAMES	2,000,000	Do.	do do		March, Sept Feb'y, August Feb'y, August		1866 1862/7'72 1870	71	7
PAMES OF COMPANIES, (The foliotring quotations include	1,000,000	Do. 2d do.	do	Int.	March, Sept Feb'y, August Feb'y, August		1866 1862/7'72 1870	76 71	7:
Do. do	1,000,000	Do. 2d do.	do do		March, Sept Feb'y, August Feb'y, August	66	1866 1862/7'72 1870	76	Asked being
Present and Alton Do. NAMES OF COMPANIES. (The following quotations include the accrued interest.)	Amount of Loan.	Do. 2d do. Description	do do do	Bate Int.	March, Sept Feb'y, August Feb'y, August Interest payable. 3 April, October	Where a sample.	1866 1862/772 1870	76 71 Peredo 83	77 Podey 8
Present Haute and Alton do. NAMES OF COMPANIES, (The foliowing quotations include the accrued interest.) Statumere and Ohio	1,000,000 2,000,000 Tueon Tueon 2,500,000	Description Description Mortgage	dodo	Bate Int.	March, Sept Feb'y, August Feb'y, August Interest payable. 3 April, October	Where a sample.	1866 1862/772 1870	76 71 Palego 83 86%	7 Podev 8
erre Haute and Alton Do. do. NAMES OF COMPANIES, (The following quotations includs the accrued interest.) saltimere and Ohio	2,500,000 1,128,500 2,000,000	Description Description Mortgage 1st mortgage,	do.	Rate Int.	March, Sept Feb'y, August Feb'y, August Interest payable. April, October Jan'y, July 10.Jan, 10.July	Balt. Balt. N.Y.	1866 1862/7772 1870 1885 1875 1870	76 71 Palego 83 86% 94	7 7 8 -9
Pre Haute and Alton do	2,500,000 1,128,500 2,000,000 4,000,000	Description Description Mortgage Do lat mortgage, lat mortgage, 2d mortgage,	do.	Rate Int.	March, Sept Feb'y, August Feb'y, August Feb'y, August Interest payable. 3 April, October 3 Jan'y, July 10.Jan. 10.July May, Novemb March, Sept	Balt. N.Y.	1866 1862/7772 1870 1885 1875 1870 1867 1859	76 71 Page 83 86 % 94 104 96 %	777 7848 8 910 90
erre Haute and Alton Do. do. NAMES OF COMPANIES, (The following quolations includs the accrued interest.) saltimere and Ohio	2,500,000 1,128,500 2,000,000 4,000,000 6,000,000	Do. 2d do. Description Mortgage Ist mortgage. 2d mortgage. 3d mortgage.	do.	Rate Int.	March, Sopt Feb'y, August Feb'y, August Feb'y, August Interest payable. April, October Jan'y, July 10.Jan, 10.July May, Novemb March, Sept March, Sept March, Sept	Balt. N.Y.	1866 18627772 1870 1885 1875 1870 1867 1889 1883	76 71 Page 83 86% 94 104 96% 98	7: 7: 7: 8 - 9 10 9 9 9
erre Haute and Alton Do. NAMES OF COMPANIES, (The following quotations include the accrued interest.) altimere and Ohio	2,500,000 1,128,500 2,000,000 4,000,000 4,000,000 4,351.000	Do. 2d do. Description Mortgage Ist mortgage. 2d mortgage. 3d mortgage. Not conv. Sini Convertible, I	do. do. do. on of Bonds, conv. till 1859.	Rate Int.	March, Sopt Jeb'y, August Feb'y, August Feb'y, August Interest payable. April, October Jan'y, July 10.Jan Joly May, Novemb March, Sept Feb'y, August. Feb'y, August.	Balt. Balt. N.Y.	1866 1862772 1870 1885 1875 1876 1877 1883 1875 1878 1878	76 71 83 86% 94 104 96% 98 87%	8 - 9 10 9 9 9 9
erre Haute and Alton Do. NAMES OF COMPANIES, (The foliowing quotations include the accrued interest.) altimere and Ohio	1,000,000 2,000,000 3 mg g 2,500,000 1,128,500 2,000,000 4,000,000 4,000,000 4,000,000 4,3500,000	Do. 2d do. Description Mortgage Do 1st mortgage, 2d mortgage, 2d mortgage, 3d mortgage, 1st conversible, 2d Convertible, 2d Convertible.	do. do. do. on of Bonds. conv. till 1858. convertible k. Fund, \$420,000	Rate Int.	March, Sopt Feb'y, August Feb'y, August Feb'y, August Interest payable. 3 April, October Jan'y, July 10.Jan. 10.July May, Novemb March, Sept Feb'y, August. Feb'y, August. Jan'y, July Jan'y, July	Balt. Balt. N.Y.	1866 1862772 1870 1885 1875 1870 1867 1859 1875 1871 1883 1875 1871 1862	76 71 83 86% 94 104 96% 98 95 87%	8 -9 10 99 98 8 -
erre Haute and Alton Do. NAMES OF COMPANIES, (The following quotations include the accrued interest.) altimere and Ohio Do. do. hicago and Rock Island. rie Railroad Do. Do. Do. Do. Do. Loc Do. Loc Do. Loc	1,000,000 2,000,000 0 meo_T 2,500,000 1,128,500 2,000,000 4,000,000 4,000,000 4,351,000 3,500,000 4,000,000 4,351,000	Do. 2d do. Description Mortgage Do Ist mortgage. Ist mortgage. Sad mortgage. Not convertible, I Convertible, I List mortgage.	do. do. do. on of Bonds. convertible k. Fund, \$420,000 inscription	Rate Int.	I March, Sept I Feb'y, August Feb'y, August Feb'y, August Interest payable. 3 April, Octobel Jan'y, July 10.Jan. 10.July May, Novemb March, Sept I March, Sept I Feb'y, August. Jan'y, July Jan'y, July Feb'y, August. Jan'y, July Feb'y, August.	Balt. Balt. Balt.	1866 1862772 1870 1885 1875 1876 1877 1883 1875 1878 1878	76 71 83 86% 94 104 96% 98 87%	8 - 9 10 9 9 9 8 - 9
erre Haute and Alton Do. NAMES OF COMPANIES, (The following quotations include the accrued interest.) altimere and Ohio Do. do. hicago and Rock Island. ris Railroad Do.	1,000,000 2,000,000 2,000,000 2,500,000 1,122,500 2,000,000 4,000,000 4,000,000 4,000,000 4,000,000	Do. 2d do. Description Mortgage Do 1st mortgage, lat mortgage, 3d do.	do. do. do. do. on of Bonds, conv. till 1888. convertible	Rate Int.	March, Sept Feb'y, August Feb'y, August Feb'y, August Interest payable. April, October Jan'y, July 10.Jan. 10.July May, Novemb March, Sept Feb'y, August. Feb'y, August. Jan'y, July Feb'y, August. 16.June,16.Dec May, Novemb	Balt. Balt. N.Y.	1866 1862772 1870 1886 1885 1875 1875 1877 1859 1887 1871 1862 1869-70 1860 1870	76 71 83 86% 94 104 96% 98 87% 87 88 84 84	8 - 9 10 9 9 8 - 9 8 6 6
erre Haute and Alton Do. NAMES OF COMPANIES. (The following quotations include the accrued interest.) altimere and Ohio	1,000,000 2,000,000 2,000,000 2,000,000 1,128,500 3,000,000 4,000,000 4,000,000 4,000,000 2,000,000 2,000,000 3,000,000 1,000,000 1,000,000 1,000,000 1,000,000	Do. 2d do. Description Mortgage	do. do. do. do. do. on of Bonds. convertible Linscription do. convertible convertible	Rate Int.	March, Sopt Feb'y, August Feb'y, August Feb'y, August Interest payable. April, October Jan'y, July 10.3an, 10.July May, Novemb March, Sept March, Sept Feb'y, August. Jan'y, July Feb'y, August. Jan'y, July Feb'y, August. 16.June, 16.Dec May, Novemb Ayn', October	Balt. Balt. N.Y.	1866 1862772 1870 1885 1875 1876 1876 1876 1877 1859 1871 1862 1871 1869-70 1870 1870	76 71 83 86% 94 104 96% 98 87% 87 87 88% 84% 97%	8 - 9 10 9 9 8 - 9 8 6 6
erre Haute and Alton Do. NAMES OF COMPANIES, (The following quotations include the accrued interest.) altimere and Ohio Do. do. hicago and Rock Island. rie Railroad Do.	1,000,000 2,000,000 2,000,000 2,500,000 1,128,500 3,000,000 4,000,000 4,000,000 4,000,000 2,000,000 2,000,000 2,000,000 17,000,000 3,000,000 17,000,000	Do. 2d do. Description Mortgage Do 1st mortgage. 2d mortgage. 2d mortgage. Not conv. Sin Convertible, I. Oonvertible, I. Jat mortgage, and myga 445,000 and myga 45,000 and	do.	Bate Int.	March, Sopt Feb'y, August Feb'y, August Feb'y, August Interest payable. April, October Jan'y, July 10.Jan 10.July May, Novemb March, Sept Feb'y, August. Jan'y, July Feb'y, August. Jan'y, July 16.June,16.Dec May, Novemb April, October March, Sept May, Novemb April, October March, Sept May, Novemb April, October March, Sept May, Novemb	Balt. N.Y.	1866 18627772 1870 1885 1875 1875 1870 1887 1879 1883 1871 1869 1870 1870 1870 1870 1870	83 86 % 94 104 96 % 98 87 % 87 % 84 97 % 111 80	8 - 9 100 9 9 8 6 6 9 9 9 8 6 6 9 9 9 8 6 6 9 9 9 9
erre Haute and Alton Do. do. NAMES OPF OPF OOMPANIES, (The following quotations include the accrued interest.) altimere and Ohio	1,000,000 2,000,000 2,000,000 1,122,500 2,000,000 4,000,000 4,000,000 4,000,000 4,000,000	Do. 2d do. Description Do. 100. Do. 100. Ist mortgage. 2d mortgage. 3d mortgage. Not conv. Sin Convertible 1. Ist mortgage, 3d do. Mortgage, inc. Mrga346,000 a Ist mortgage, inc. Mrga36,000 a Ist mortgage, inc.	do. do. do. do. on of Bonds, convertible k. Fund, \$420,000 inscription do. convertible convertible convertible convertible convertible do. do. do. do. do.	Rate Int.	March, Sopt Feb'y, August Feb'y, August Feb'y, August Interest payable. April, October Jan'y, July 10.Jan. 10.July May, Novemb March, Sept Feb'y, August. Jan'y, July Feb'y, August. Jan'y, July Feb'y, August. Joly, Novemb April, October March, Sept March, Sept March, Sept Mary, Novemb April, October March, Sept May, Novemb May, Novemb May, Novemb May, Novemb	Balt. N.Y.	1866 1862772 1870 1885 1875 1876 1887 1887 1887 1883 1875 1871 1882 1862 1870 1870 1870 1870 1870 1870 1870 1870	83 36% 94 104 95 % 87 % 87 % 111 89 79	8 - 9 10 9 9 8 6 6 9 8 6 6 9 8 8 6 9 8 8 6 6 9 8 8 6 8 8 8 8
arre Haute and Alton Do. NAMES OF COMPANIES, (The following quotations include the accrued interest.) altimore and Ohio Do. do. hicago and Rock Island, ris Railroad Do. Do. Do. Do. Do. Do. Ludson River. Do. Do. Ludson River. Do. Ludson River. Do. Ludson River. Do. Ludson River. Do. Lichigan Southern ew York and Harlein, lew York and New Haven	1,000,000 2,000,000 2,000,000 2,500,000 1,122,500 2,000,000 4,000,000 4,000,000 4,000,000 4,000,000	Do. 2d do. Description Do. 1st mortgage. Ist mortgage, 1st mortgage, 3d mortgage, 3d mortgage, 3d mortgage, 3d mortgage, 1st	do. do. do. do. do. on of Bonds. convertible k. Fund, \$420,000 inscription do. convertible convertible do.	Bate Int.	March, Sept Jeb'y, August Feb'y, August Feb'y, August Interest payable. April, October Jan'y, July 10.Jan. 10.July May, Novemb March, Sept March, Sept Jan'y, August. Jan'y, August. Jan'y, August. Jan'y, August. Jan'y, October May, Novemb April, October May, Novemb May, Novemb June, Decemb	Balt. N.Y.	1866 18627772 1870 1885 1875 1875 1870 1887 1879 1883 1871 1869 1870 1870 1870 1870 1870	83 36% 94 104 95 % 87 % 87 % 111 89 79	8 - 9 10 9 9 8 6 6 9 9 8 8 8 8 8 8 8
altimere and Ohio Do. NAMES OF COMPANIES. (The following quotations include the accrued interest.) altimere and Ohio Do. do. Do. Do. Do. Do. Do. Do	1,000,000 2,000,000 3 mg or 1 2,500,000 1,128,500 3,000,000 4,000,000 4,000,000 4,000,000 2,000,000 3,500,000 2,000,000 3,500,000 1,700,000 1,700,000 1,800,000 1,800,000 1,800,000 1,800,000	Do. 2d do. Description Do	do. do. do. do. on of Bonds. convertible k. Fund, \$420,000 inscription convertible convertible inconvertible do. convertible do. convertible do.	Rate Int.	March, Sept Feb'y, August Feb'y, August Feb'y, August Interest payable. 3 April, October Jan'y, July 10.Jan. 10.July May, Novemb March, Sept Feb'y, August. Feb'y, August. Jan'y, July Feb'y, August. Jan'y, July Feb'y, August. May, Novemb April, October May, Novemb May, Novemb May, Novemb June, 10. per May, Novemb June, 10. per May, Novemb June, Decemb 6 Jan'y, July Feb'y August.	Balt. Salt.	1866 1862772 1870 1885 1875 1875 1875 1875 1875 1875 1875	76 71 794990 83 86 84 96 89 98 98 98 98 98 98 97 111 111 79 77	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
rre Haute and Alton Do. NAMES OF COMPANIES, (The following quotations include the accrued interest.) altimere and Ohio Do. do. hicago and Rock Island, rie Railroad Do.	1,000,000 2,000,000 2,000,000 2,000,000 1,128,500 3,000,000 4,000,000 4,000,000 4,000,000 2,000,000 3,000,000 1,000,000 1,000,000 1,000,000 1,000,000	Do. 2d do. Description Do Do Ist mortgage. Do. Do. Ist mortgage. Ist mortgage. Do. Do. Do. Do. Do. Do.	do.	Rate Int.	March, Sept Feb'y, August Feb'y, August Feb'y, August Interest payable. 3 April, October Jan'y, July 10.Jan. 10.July May, Novemb March, Sept Feb'y, August. Feb'y, August. Jan'y, July Feb'y, August. Jan'y, July Feb'y, August. May, Novemb April, October May, Novemb May, Novemb May, Novemb June, 10. per May, Novemb June, 10. per May, Novemb June, Decemb 6 Jan'y, July Feb'y August.	Balt. Salt.	1866 1862772 1870 1885 1875 1875 1870 1867 1859 1871 1869 1871 1869 1875 1860 1870 1860 1871 1860 1871 1860 1871 1861 1861 1873 1861	76 71 79 83 86 % 94 104 98 95 87 % 87 % 111 89 77 77 77 77 79 90 82	77. 7. 8. 99. 99. 8. 66. 99. 88. 66. 99. 88. 88. 88. 88. 88. 88. 88. 88. 88
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Omeinnati Stock Sales, By HEWSON & HOLMES.

For the week ending December 31, 1856.

	2000
\$1,000 Ohio and Miss. 7 per cent. 1st Mortgage70	(deinta
8,000 Cov. & Lex., 7 per cent., 2d Mortg	- 66
4,000 Little Miami, 6 per ct., 1st Mortg80	66
1,500 Columb. & Xenia, 7 per cent. Div. due '60.88	000
6,000 Hillsboro' & Cin., 7 per cent. 1st Mortg 47 h	ABON 100
2 000 Indianap. & Cin., 10 per ct. Real Estate92	17 B 9
1,000 Marietta & Cincinnati, 7 per ct. 1st Mortg70	15
5,000 Indiana State 5 per cent., Jany coup'ns off. 823, 772 Little Miami, Dividend Scrip, to be issued	A Luca
Jan'y 13	44
STOCKS.	

		STOCKS.
200	Shares	Ohio and Mississippi 6
100	46	" " " " " " " " " " " " " " " " " " " "
20	- 41	Little Miami
36	44	Columbus and Xenia83
100	86	Mad River & Lake Erie
. 50	66	Indianapolis & Cincinnati, 15 ds
33	64	" cash65
12	44	" cash66
14	46	Cincinnati, Hamilton, & Dayton 6216
100	66	Hillsborough and Cincinnati
40	* 46	Cincinnati, Harrison and Indianapolis. 8 "
70	66	Junction (Ind.)
50		Ohio Central20

Extract from Cammann & Co's Money Circular for the European Steamer of the 7th inst

New York, Tuesday, Jan. 6, 1857.

Notwithstanding a continuance of the scarcity of money, noticed in our report of 23d ult., and a consequently rather limited business in stocks at the close of the year, prices have generally had an improving tendency throughout the fortnight. Since the commencement of the new year business has become more active, and the upward movement more decided, although the expectations of a better supply of money from the heavy disbursements since 1st inst. have been only partially realized, there being as yet but a slight alleviation of the stringency. The improved tone of the market during the last few days was caused principally by the late encouraging financial advices from London, which, in connection with the decline of foreign exchanges, and the decreased exports of specie, strengthen confidence in an early favorable change in money matters.

For State Stocks our present quotations, except for Pennsylvania coupon 5s. are ex interest. The business of the fortnight has been rather limited, with the exception of some considerable private sales of Ohio 6s, of the new issue, and the fluctuations generally unimportant. Since 1st inst. there have been sales of Kentucy, 6s at 101½; Missouri at 86; Virginia at 90½ 489½; Ohio 6s, 1860, at 102½ 4102¾; California 7s, 1870, at 80480½, and 1875, at 75474½. The quotations herewith, as compared with those of 23d ult., show an advance of 2½ per cent. in Ohio 6s, 1860, ½ in Kentucky 6s, ¾ in Missouri 6s. and 1½ in California 7s, 1870, and a decline of 2 in Virginia 6s. In City and County Bonds we have no important transactions to notice. The demand is limited, and except for bonds of the leading cities, prices continue much depressed, although in some instances the tenden-

cy has of late been rather upward.

For Railroad Bonds the market has been rather active, with an upward tendency of prices. Of A Illinois Central Construction Bonds there have been considerable sales at 95a9734, and of free Lands, small sales, at 111 with, and 924 without privilege. We have also to notice sales of New York Central 7s at 99a10034, and of 6s at 86a8734; Erie, 2d mortgage, at 97; 3d mortgage, at 96a97; Sinking Fund at 934a95, and Convertible, of 1891, at 87. The improvement of the fortnight is 24, per cent. on Illinois Central Construction, 1 on Free Lands, 114 on Erie Sinking Fund, 1 on 3d Mortgage, and 34 on 1871's, and 14 on New York Central 6s, and 7s.

In Railroad Shares there is a general improvement—the tendency during the fortnight having been steadily, but gradually upward, and the market, although prices declined slightly this morning, is active and rather firm at the close. The advance in New York Central is 23/2; in Eric, 21/4; in Reading, 35/4; in Cleveland and Toledo 35/2; in Illinois Central, 5; in Galena and Chicago,

3; in Chicago and Reck Island, 8; in Panama 13/4 per cent. The demand for Illinois Central Shares per cent. The demand for Illinois Central Shares is very active, and the supply not large. The land Sales for December amount to \$680,250, making a total, on 1st inst., of \$10,713.028. Panama Railroad Company have declared a semi-

annual dividend of 6 per cent.

The Money market, although slightly easier. continues quite stringent, and heavy differences are still paid in stock contracts, and time loans command high rates of interest. On call the demand is very active at 7 per cent., and discount on first-class paper ranges from 9a10 per cent. Al-though the receipts of Gold from California, for some weeks past, have considerably exceeded the demand for export, the specie balances of the Banks in this City, in consequence of heavy drafts from the South, have not increased.

CAMMANN & CO.

Present Position and General Progress of the Country.

EXTRACT FROM MARIE & KANZ EUROPEAN CIRCULAR. During the year that has just expired, the pros-perity of the United States has taken a development which stands without a precedent in the past. The various elements which contribute to the true wealth of a nation, the cultivation of new lands, the yield of the crops, the extension of manufactures, the working of mines, the commerce of exportation, as well as of importation, the foreign and domestic navigation, the construction, operation and the traffic of railways, the extension and improvement of cities, have all made extraordinary progress, and while creating a vast accession to the capital of the country, have given impulse and an activity to the general movements of trade such as leaves behind them the handsomest results of previous years. The measure of the increase of prosperity for the calendar year 1856 is but partially conveyed by the statistical tables prepared by the Secretary of the Treasury, because, as the fiscal year to the Federal Government terminates with the 30th of June, the results at which he arrives are affected by the reduced business of the Autumn of 1855, and do not moreover, take notice of the extensive movements of the latter half of 1856. These official documents possess nevertheless great interest, and we have made free use of them in compiling the tabular statements which we submit herewith. But, a fair general idea of the business of the year can be formed by consulting the table of the Commerce and Financial movement of New York for 1856. It shows an increase over 1855 of \$1,700,000,000 in the exchanges at the Clearing House; carrying the to-tal of the year to the enormous sum of \$7,300,000, 000. This is an increase of 30 per cent. The settlement at the Clearing House in London, amounted in 1839 to £954,400,000 or \$4,772,000,000; since which we have been unable to obtain more recent returns. But the business must have tripled since then, in which event the transactions at New York would be equal to half those of

The aggregate imports and exports of New York show more than 38 per cent increase over 1855. And the railroad traffic an increase of from 20 to

80 per cent, according to localities.

The measure of the amount of virgin lands brought under cultivation can be arrived at with sufficient accuracy by taking the cash sales of public lands, and the number of Land warrants, located, amounting during the last fiscal year to 17,600,000 acres—equal to four times the area of Massachusetts, or to the united territories of Belgium and Holland. In addition to these large transfers of land, Congress has ceded during the year to Railroads or to States, who will probably hereafter make a similar disposition of a part of them, about 21,700,000 acres; making the total sales and grants of lands in a single year, 39,500, 000 acres, equal to the extent of Virginia, or about a third of the area of France. Notwith

ty-one existing states, which is more than the whole of Europe, Russia excepted. As to the agricultural and industrial production, it has been prodigious and has kept pace with the progress exhibited by the other branches which we have mentioned. It is not practicable to determine its numerical value, but we may, however, accept as approximative the estimates of the Secretary of the Treasury, based upon the copious details touching the sub ject set forth in the census returns of 1840 and 1850. He comes to the conclusion that the total production of the country amounted last year to \$2,600,000,000, or three times what it was fifteen years ago.

The Secretary of the Treasury likewise presents a table of the aggregate wealth of the United States, showing a total of \$11,317,000,000, exclu-sive of the public domain; his estimate of the pre-

sent population is 26,964,312.

The number of miles of Railroads in operation which was 21,069 at the close of 1855, is now 24, 476, making 3,407 miles increase in the year. The electro-telegraph, which, in connection with the railway system, contributes so greatly to lessen the loss of interest on capital and to give increased activity to business by obliterating the great distances that characterize this country, and which only a few years ago was unknown, now extends in all directions like a vast net work over the face of the Union. We have no recent information in regard to the length of the telegraph wires in opera-tion—but, it must be between 40,000 and 50,000 miles.

The merchant navy has also made great progres, the new constructions comprising 221 steamers and 1703 sailing vessels, having an aggregate tonnage of 469,394 tons. Notwithstanding this large increase, the official table of the total tonnage of the merchant service shows a falling off from 1855, in consequence of a more accurate sifting of the old lists, the effect of which has been to reject a large number of ships sold abroad, lost

or condemned, for years past.

By the side of these various considerations we find that the Government Debt has been reduced 25 per cent. during the year, bringing it down to \$30,000,000, with a surplus in gold, in the Treasury of \$22,000,000, after deducting all expenses. Moreover, the President is of opinion that the debt can be entirely extinguished (for the second time, having been previously paid off in 1835-6,) in the early part of 1858, and he recommends Congress to take steps to reduce the revenue down to a level with the expenditures, in order to obviate the embarrassing consequences to commerce of an excessive accumulation of specie in the

vaults of the Treasury.

The State finances likewise show great prosperity, and appear to be managed, almost without exception, with economy and in obedience to con-servative principles. The same observation is correct in regard to the greater number of cities, counties, and railroad companies. As to Banks, with the exception of a few in the West, they keep within the limits of prudence and participate for their fair share in the general welfare. There is in most of the States a growing disposition to confine these institutions within stricter limits and to demand from them more ample guarantees. Among these guaranties we would mention in particular the establishment of the Clearing House, the working of which is most salutary, and which was founded at New York in 1853, and at Boston in 1855. Although this example has hitherto not been followed in the interior, it exercises, nevertheless, in an indirect way, a great influence over the whole country, and it cannot fail at some future day to be everywhere looked upon as the in-dispensable appendage and complement of the Free Banking System. The same remark is applicable to the pledging of public stocks, in the bands of the State, as a guarantee for notes of circulation. This excellent guarantee law, which is indebted for its origin to the New York State Legislature, has already been adopted by a number standing the heavy draughts made for so many of States, and cannot fail ultimately to become years upon the Federal Demain, the public lands general; it will obviate henceforward, to a great yet remaining unsold are equal in extent to the thir-

by removing the possibility of excessive issues, one f the great evils felt in the crisis of 1836-87. Another protection for the country lies in the growing proportion of gold which, since the acquisition of California, has passed into circulation; and, perhaps still more, in the rigid system adopted since 1840 by the general Government, never to receive or make payments except in specic, and never to lend its moneys or its credit, under any pretext, whether it be to individuals or corpora tions, cities, counties or states.

We have dwelt somewhat at length on this subject, because the year 1856 is at once the most flourishing which the United States have yet experienced, and the one wherein, for a number of years, the part performed by European capital has been the least important. There are so many in this country, as well as elsewhere, who believe that the developement of the United States depends chiefly on the aid of European finances, that we will pause awhile to measure the progress of the Union during the three years that have elapsed since the prospect of the Crimean war put a stop to the flow of European capital to America. We find that in this period of three years the for-eign trade has increased from \$499,000,000 to \$642,000,000, being a growth of 30 per cent. public debt has been diminished by \$41,000,000, which reduction is \$10,000,000 more than the entire present debt; \$10,000,000 to \$15,000,000 have been paid out to redeem at 10 and 18 per cent. premium Government stocks held in Europe, and 10,000,000 have been paid to Mexico for the Mesilla purchase, a territory equal in extent to the Kingdom of Bavaria. The trade with the British Colonies of North America, under the new treaty, has risen from \$20,000,000 in 1853, to \$50-000,000 in 1856. The railroads, which then scarcely counted 16,000 miles, have added 50 per cent. to their length, and now number over 24,000 miles. The California mines have produced \$170,000,000 of gold, which have served to pay of the balance of trade, and to leave a reserve in the country adequate to the wants of circulation. This reserve is found by deducting from the California gold product the net amount of the specie exports, say \$170,000,000 received from the mines, less \$129,-000,000 net export of specie, leaving \$41,000,000 to be added to the metallic circulation of the country in three years. The tonnage has been in-creased 1,200,000 tons, 25 per cent. The settle-ment of new lands, to judge from the sales of public lands, must cover some 27,000,000 acres, being equal to the area of the State of Ohio, or to that of the Kingdom of the Two Sicilies; the total amount of sales and grants is 81,800,000 acres, equal to the aggregate areas of the States of New York, Pennsylvania and Ohio-or to the British Isles and Belgium united. Whilst these improvements were progressing in the agricultural sections, villages were becoming transformed into towns, and the towns were being enlarged and improved with buildings of a richer and more substantial character than those erected a few years ago. To convey an idea of the rapidity which villages grow up, we will mention the increase of 25 per cent. in four years in the number of Post Offices in the United States, say 25,565 in 1856, against 20,901 in 1852, which indicates the creation of 4,664 new centres of population in the short space of four years.

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It follows from what has here been set forth, that the various securities which are based directly on the wealth of the community, such as State, City, and County issues, are annually acquiring greater solidity; and the same remark applies, subject to a few exceptions, to that class of values which depend upon it in a more indirect manner, euch as railroad and bank obligations. Netwith-standing this fact, for a long time past the market prices have not kept pace with the intrinsic values. The reason of this is, in the first place, because at the breaking out of the Crimean War, the country found itself with great works in an unfinished state, which had been undertaken under the expectation of receiving the continued sup-port of foreign capital, and this resource having

failed, it has required time since then to adjust matters to the new state of things; and, in the next place, because for three years past, agriculture, industry and commerce have been so active, they have extended themselves on so large a scale and they have given so handsome returns, that they have absorbed the great majority of the floating capital of the country, and consequently fixed investments have remained, comparatively speaking, neglected—that is, the creation of new obligations by States, Cities, Counties, and corporate bodies, and the appreciation of those already in existence, have not made corresponding progress with the general prosperity. It is also in virtue of this state of things that a number of railroad companies have been compelled to apply their current profits to the prosecution of their works of primary establishment, in lieu of distributing them among their stockholders under the form of dividends; and that public stocks have been forced to range at low prices in order to attract capitalists by offering them an interest corresponding to that which commerce, encouraged by the profitable returns of its operations, was disposed to pay.

A state of prosperity such as we have been unfolding, developed under the circumstances that have marked the last three years, seems to establish that this country is now in a purely financial point of view, independent of Europe, and that it can, without suffering, dispense with the direct use of foreign capital. But it does not follow from this that a condition of financial isolation is a thing to be desired. The works of all descriptions which remain to be done on the Continent are so immense, that for long years to come the United States will be able to find use for almost an unlimited amount of capital on terms more profitable than can be done in the Old World, and they will find in foreign co-operation the means of advancing at a more rapid and a bolder pace to the accomplishment of the great task of material progression which they seem called upon to fulfil.

American Railroad Journal.

Saturday, January 10, 1857.

Pacific Railroad.

The great want of a railroad to the Pacific is every day being more and more felt and acknowledged. There are abundant commercial reasons for the construction of such a work. California has a population of 600,000, with an annual import and export of trade between it and the States of nearly \$100,000,000. We cannot estimate the extent of the trade of the countries bordering on the Pacific which, with a railroad to San Francisco, would be attracted to that port. It would immeasurably strengthen the position of New York in its relation to the commerce of the world. A railroad is called for by political as well as by commercial considerations. It is necessary to unite distant provinces now severed by deserts and mountains now almost impassable. Every consideration impells our people to the construction of this great work, and we are confident that it must ere long be undertaken in a manner that shall ensure success.

No road can be built without substantial aid, either in money or lands, from General Government. It would be well to rely upon the latter, if practicable. There will be a strong opposition to any plan that proposes a direct grant in money. The schemes now before Congress which contemplate large grants of land are calculated to defeat the very object they propose to promote. The parties having the grants would carry their roads only so far as the lands were valuable, putting

the proceeds already obtained into their pockets. Could the whole proceeds of the public lands be set apart as a fund for construction they would soon amount to a sum sufficient to build at least one line of road.

In the mean time steps are being taken to shorten materially the route by way of the Isthmus. There seems to be good reason for believing that the Honduras route will soon be commenced. A stage road by the Isthmus of Tehnantepec will soon be opened, and with suitable steamboat connections, will take a large amount of travel. The length of this road will be greatly abridged by the completion of the Florida railroad now in rapid process of construction. These improvements will greatly shorten the time and expense of a trip between California and New York and afford a great relief to the travelling and business public.

Tennessee and Alabama Railroad.

The Tennessee and Alabama Railroad is imme diately to be put under contract from Spring Hill to Mt. Pleasant, to be completed in two years. The location has been made, and everything is in readiness to go rapidly forward. At Columbia is will be joined by the Central Southern Railroad to Pulaski and Decatur. This road, as before stated in this paper, is now under contract for nearly the whole distance to Pulaski, to be completed by March 1st, 1859. The Tennessee and Alabama Railroad has lately received the endorsement of its bonds by the State to the amount of \$200,000. It will also have the aid of the State to the amount of \$85,000 to assist in bridging Duck river, and \$30,000 for Buffalo river. The roads which are to form the Southern connection of this work are steadily progressing, and within the next three or four years we may look for a railroad line complete between Nashville and New Orleans. With these connections, says the Nashville Union, and with the North-western road in vigorous progress, it will become more than ever the interest of Louisville and Kentucky to push forward vigorously their portion of the Louisville and Nashville road.

Railroad Earnings. The receipts of the New York and New Haven

railroad for December were as follow	W8:
Passengers	\$80,265 72 10,000 00
Less due other roads	\$90,265 72 21,779 32
For December, 1855	\$68,486 40 65,020 91
Gain over last year	\$3,465 49
The Hudson River Railroad Comp for December show a large gain of being:	over last year,
December, 1856	\$231,311 29 156,245 37
Increase	\$75,065 92

The earnings of the Kentucky Central railroad

Passengers \$12,664 87

Freight 20,200 00

Total \$33,678 21

for December were:

B	NAL. 25
y	The December earnings of the Rock Island road, as telegraphed, are
0	Increase
-	In 1856
i- e	Increase
y - e d	Railroads in Canada, Jan'y 1st, 1857. Below we give a statement showing the number of miles of railroad in Canada, with its increased mileage since 1847.
w g	Buffalo and Lake Huron Champlain and St. Lawrence Coburg and Peterboro' Grand Trunk—Montreal Divi "—St. Thomas B. "—St. Thomas B. "—St. Thomas B. "—Toronto Divis "—Niagara Divis' "—Niagara Divis' "—Niagara Divis' "—Outario, Simcoe and Huron Ontario, Simcoe and Thorold Port Dalhousie and Thorold

,419	1,049	745	814	182	96	54	54	54	24	otal
41	1	1	1	1	1	1	1	1	1	pe, Lindsay and Beaverton.
4	1	1	1	1	1	1	1	1	1	housie and Thorold
54	54	400	1	1	1	1	1	1	1	nd Prescott
96	96	64	42	1	1	1	1	1	1	Simcoe and Huron
87	87	87	87	87	00	00	00	00	00	and New York
24	1	1	1	1	1	1	1	1	1	and Port Stanley
17	12	1	1	1	1	1	1	1	1	" -Guelph Branch
48	48	43	43	1	1	1	1	1	1	" -Niagara Division
38	38	1	1	1	1	1	1	i	1	" -Toronto Division
186	186	186	1	1	1	1	1	1	1	estern-Main Line
88	1	1	1	1	1	1	1	1	1	" -Stratford Division
3000	125	1	1	1	1	1	1	1	1	" -Toronto Division
41	41	1	1	1	1	1	1	1	1	" -St. Thomas Branch.
96	96	96	1	1	1	1	1	1	1	" -Quebec Division
148	148	148	148	96	72	80	80	30	1	runk-Montreal Division
17	17	1	1	1	1	1	1	1	1	Ontario
28	28	1	1	1	1	1	1	1	1	and Peterboro'
49	49	49	49	49	16	16	16	16	16	in and St. Lawrence
84	84	84	1	1	1	1	1	1	1	and Lake Huron
1800	OOR	1804	1808	7802	TOOT	OGRI	REAT	1948	150T	ROADS.

Statistics of New York

We take from the recent message of the Governor of this State the following extracts in reference to the statistics of population, valuation, number of newspapers, etc., etc., as showing by the late State census.

The first is a summary of the population of the State at each census since 1790, with the increase between each period and the annual per centage of the increase upon each preceding census:

Years.	Population.	Increase.	Annual perc't'ge of iner.
1790	340,120	****	1/013/01/01
1800	588,603	298,488	7 80
1810	961,888	873,285	6 85
	1,035,910	74,022	1 92
	1,372,814	886,902	5 42
	1,616,458	248,646	8 55
1830	1,913,131	296,573	8 67
1835	2,174,517	261,386	2 90
1840	2,428,921	254,404	2 84
	2,604,495	175,574	44
	8,097,394	492,899	79
1855		868,819	88

The nativity of our population is as follows: State of New York2,222,821
Gthe parts of the U. S 306,123
2,528,44
Foreign countries
Unknown 17,230
9 400 91
3,466,21
Value of dwellings
Do. farms
Do
Do. agricultural implements 26,926,506
Do. real estate invested in
Walue of tools and machinery 36,191,978
Do. raw materials used in
manufacture 179,390,711
Value of manufactured products 321,261,281
value of manufactured products ozijavijavi
\$2,203,010,609
Acres of improved land
Do. unimproved land18,070,699
Value of special manures used \$663,463
Number of church edifices
Value of churches and lots\$27,769,826
Do. other real estate 3,710,816
Number of gests in churches 2 141 150
Do. other real estate 3,710,816 Number of seats in churches 2,141,159 Usual attendance 1,124,211
Total number of newspapers
Do. other periodicals
Do. dailies
Do. tri-weeklies 1
Do. semi-weeklies 10
Do. weeklies
Do. monthlies113
Number whose circulation was reported 540
Number of copies printed per annum
of those thus reported
Estimated copies of all classes per
annum
The Adjutant General reports that there are
eight Divisions of the Militia of the State, com
posed of twenty-eight Brigades and seventy Regi
ments. The number of enrolled Militia is 335,
ments. The number of enforced number is 500,
000, of whom 18,500 are uniformed, armed and
equipped, constituting a most effective and power
ful volunteer force.
It appears by the Reports of School Officers for
the year 1855, that the aggregate expenditure
for all purposes connected with the Common
Schools, were \$3,531,942 57.
to the second se
Reported number in the State in which school
has been kept, on an average, eight months in
the week tope, on an average, eight months in
the year
males
Number of females
24,130
The number of children in the State be-
tween 4 and 21 years
Reported attendance in the Common
Schools 876,608
Reported attendance in private unincor-
porated Schools
Reported attendance in Academies 29,96
partatornal and an analysis and an an
951,983
This would leave between the ages of 4 and 2
as not attending school
Population of Chicago.
The following table shows the population of
Chicago at different periods:
1840 4.470 1850 28.26
1848 7.580 1852
1848 7,580 1852 88,78 1845 12,088 1858 60,65
1846 65,87
1847 88,50
1848
184928,047

Joarnal of Railroad Law.

SALE OF BONDS .- USURY.

(Continued from p. 12.)

In like manner the sale of a valid available promissory note by the payee to a third person at any rate of discount is not usurious. (Minor vs. Commission Co. 15 Johns. R. 44, Rice vs. Mather, 3 Wend, 262 etc.)

Nor is it rendered usurious in this State if the payee indorse or guarantee the note (Cram. vs. Hendricks 7 Wend. 569). Nor is this principle confined even to negotiable paper,-it has been expressly extended to the sale of bonds and other specialities (Vroom vs. Ditmars, 4 Paige, 525), and one selling a bond and mortgage although at a discount exceeding legal interest may in this State give his own bond guaranteeing the pay ment of the sum due upon that sold.

The care with which loans are to be distinguished from transactions of a different nature in these inquiries is well illustrated by the following cases.

Lamego vs. Gould, 2 Burr, 715.

Here the action was upon a written promise made by the defendant, that in consideration of two guineas received from the plaintiff, he would pay him twenty guineas on the decease of his own wife then seventy years old. It appeared that the parties intended a wager and not the loan of the two guineas. On this ground the contract was held not usurious, but otherwise, if there had been an intent to avoid the statute.

Bute vs. Bloodgood, 17 Barn. C. 453. In this case the parties had contracted for the sale of an estate for sixteen thousand pounds payable in instalments with interest at six per cent., the legal rate being five. The amount of principal and interest agreed for was footed up and found to amount to twenty thousand eight hundred pounds and promissory notes given for the amounts of the several instalments. In a suit upon one of those notes it was held that the transaction was not usurious; it was a contract for the sale of an estate and not for the loan of money and that in substance it amounted to a sale of the estate for the sum of twenty thousand eight hundred pounds payable in instalments which was not illegal.

Silver vs. Barnes, 6 Bing. N. O. 180.

This was a suit upon a promissory note for 80 pounds made by the defendant to plaintiffs who were treasurers of a mutual benefit society. The purpose of the society was to raise by subscription a fund to be loaned to the members at legal interest. The loans were put up at auction among the members and sold to the highest bidder. The present loan was made to the defendant upon a bid of a bonus of sixteen pounds for the advance. It was held that this transaction was not usurious on the ground that it was not a lean but an advance of partnership funds. The rules of the society were in effect it was said a mere agreement by partners that their joint contributions should be advanced for the use of one or the other as oceasion should require and the transaction was not a borrowing. To the same effect is Burbridge vs. Cotton 15 Jur. 1,070.

Brooks vs. Avery 4. Const. 225.

In a negotiation for the sale of land the seller was willing to take \$10,000 cash, but the buyer could not pay cash. The buyer executed a bond Cincinnati without delay or unloading.

and mortgage for \$12,000 with interest and gave them to the seller to dispose of who sold them for \$10,000, and then delivered a deed to the buyer. This was held not usurious, being not a loan, but a sale of the land on credit at \$12,000 with a further caution on the part of the owner to ascertain before absolute sale that the security which he proposed to take for the price would sell for a sum in cash equal to the cash price which he asked for the land,

Talmage vs. Pell, 3 Seld., 328.

Pell applied to a banking company for a loan on bond and mortgage. The company agreed to loan \$15,000 in their own stock which was then worth in the market only ninety-eight per cent. The bond and mortgage were accordingly made out for the full sum of \$15,000. It was held that this transaction was not usurious being an exchange of the bond and mortgage for the stock.

Curtiss vs. Leavitt, 17 Bart. 312.

In this case the validity of certain bonds and mortgages made by the North American Trust and Banking Company for the purpose of raising a temporary cash capital was contested by the receiver of the company appointed in consequence of its insolvency to close up its affairs. The bonds were fifteen hundred in number for two hundred and fifty pounds cash, payable in London and secured by mortgages forming a security precisely resembling that now offered for sale by the company whose bonds are now under consideration. Among a great number of objections to their validity it was urged that a large number of them having been sold at ninety per cent. instead of par, they were void for usury.

It was held in the New York Supreme Court First District in 1853 that these did not involve usury. Such a sale might be made a cover for usury, but so might any sale of merchandize, But there was no pretence that the bonds were employed as a cover for usury. The transaction was not, it was held, usurious per se.

The case is precisely in point upon the present question, but is still pending before the Court of Appeals upon appeal from the decision of the Supreme Court and therefore is not as yet an absolute authority.

The usury laws of the State of New York inter_ preted in the light of these authorities do not in our opinion prohibit the bona fide sale of railroad bonds at a discount by the corporation issuing them, when the bonds are honestly intended to be created and sold and are purchased as public securities, and when the transaction is untainted with a purpose to conceal a loan beneath an apparent sale with design to evade the provisions of the laws.

The Hempfield Railroad.

We learn that the Board of Directors of this great improvement, having previously made the necessary arrangements, took possession of the road last Saturday. The road is now in running order to Claysville, within ten miles of Washing-From Claysville to Washington, we learn that the road is ballasted and the ties all laid down, ready for the rails. Comparatively a small amount of money would complete it.

The Hempfield road is designed to tap the Cen-

tral Pennsylvania road at Greensburg, and, completed to that point, and the Ohio river bridged, according to the consolidation arrangement, a car may be loaded at Philadelphia and run directly to

	THE STATE OF THE S
Railroads in the World.	the provisions of the act, to create a "
Estimate of number of miles of railroad constructed	est Fund," and invest the same. The
and in operation in the world, on the first day af	cordingly, invested \$50,198 04 in Miss
Jan'y 1857.	having purchased for that sum, fifty- bonds of \$1,000 each.
EUROPE. MILES.	Under the various acts of the Genera
England and Wales 6,426	loaning the credit of the State to certa
Scotland 1,138	Companies, State bonds have been issu
Ireland	livered to those companies, to the ame
Spain	October, 1856, of \$9,933,000, as follow
France	For the Pacific Railroad (main trun
Holland	Act to expedite the construction of the
Denmark	Pacific railroad and the Hannibal &
Norway and Sweden 67	St. Joseph railroad, approved Feb'y
Russia and Poland	22d, 1851
Prussia 2,309	Act to accept a grant of land made to
Smaller German States	the State of Missouri by the Con-
Austria and Hungary	gress of the United States, to aid in
Switzerland 167	the construction of certain railroads in this State, and apply a portion
Italy 812	thereof to the Pacific railroad, ap-
Total24,208	proved 25th December, 1852
	Act to secure the completion of cer-
Canada	tain railroads in this State, passed
New Brunswick	10th December, 1855
Nova Scotia	
United States	Total
Cuba 397	For the Pacific railroad, (South-
Jamaica	west Branch):
New Granada 49	
Brazil 53	I am onus am emis beace, passeu Dec
Peru	10, 1000
Chili	For the Hannibal and St. Joseph rail-
Total	road:
Africa-Egypt	
Asıa-British India 311	and Hannibal and St. Joseph rail-
AUSTRALIA 89	road, approved 22d Febr'y, 1851
EUROPE	For North Missouri railroad:
	Act to expedite the construction of
Grand Total	the North Missouri railroad, ap
	proved 23d December 1852
Missouri,	Act to secure the completion of certain
EXTRACTS FBOM THE GOVERNOR'S MESSAGE.	railroads in this State, passed 10th
The report of the Auditor of Public Accounts	
will exhibit to you in detail, the state of our	
finances, in the two last fiscal years, and their probable condition for the next two; it shows	
that the Treasury is not only in a satisfactory	
but in a highly flourishing condition.	I MILL COM .
The amount of revenue received in	Act to expedite the construction o
1855, is \$489,130 19	the Iron Mountain Branch of the
The amount of revenue received in	of the 1959
1856, is 517 983 34	Act to aid in the construction of the
Matalement resided for the to-	St. Louis and Iron Mountain rail
Total amount received for the two years ending 1st October, 1855.\$1,007,113 53	and approved 9d March 1955
The amount expended in	
1955 ia \$292 704 74	Total

The balance in Treasury on 1st Octo-became due on the first day of July last, and the available balance is, therefore \$71,899 81.

years ending 1st October, 1856 \$871,818 71

1855, is..... \$393,704 74

1856, is 478,113 98
Total amount expended for two

The amount expended in

The Auditor's estimate for the revenues to be

The Auditor's estimate for the revenues to be received from all sources, during the fiscal period of two years, ending on the 1st of October, 1858, is \$1,191,361 67.

The ordinary expenses for the same period he estimates at \$500,000, and the amount chargeable to revenues, for school purposes, at \$297,840 41. If the actual receipts and expenditures correspond to these estimates, there will be a surplus in the Treasury on the 1st October, 1858, of \$422,874-29.

and," and invest the same. They have ac-gly, invested \$50,198 04 in Missouri stocks, purchased for that sum, fifty-eight State of \$1,000 each.

er the various acts of the General Assembly the credit of the State to certain Railroad nies, State bonds have been issued and deto those companies, to the amount, on 1st er, 1856, of \$9,933,000, as follows:

the Pacific Railroad (main trunk): expedite the construction of the fic railroad and the Hannibal & oseph railroad, approved Feb'y s of the United States, to aid in construction of certain railroads his State, and apply a portion cof to the Pacific railroad, ap-

secure the completion of cerrailroads in this State, passed December, 1855

1,000,000

ember, 1855 the St. Louis and Iron Mountain

l, approved 3d March, 1855.....

Total \$993,000

For the Cairo & Fulton Railroad

to revenues, for school purposes, at \$297,840 41. In the actual receipts and expenditures correspond to these estimates, there will be a surplus in the Treasury on the 1st October, 1858, of \$422,374- 19.

By the act of 7th December, 1855, "to secure the prompt payment of interest on State bonds," to be appointed by the December, 1855, "to secure the prompt payment of interest on State bonds," to be appointed by the Governor, or by an agent to be appointed by him, the route from Memphis via Knoxville and Lynch- 19.

By the act of 7th December, 1855, "to secure the prompt payment of interest on State bonds," to be appointed by the Governor, or by an agent to be appointed by the distances, in the reports of different engineers, that the route from Memphis via Knoxville and Lynch- 19.

By the act of 7th December, 1855, "to secure the prompt payment of interest on State bonds," to be appointed by the distances, in the reports of different engineers, that the route from Memphis via Knoxville and Lynch- 19.

By the act of 7th December, 1855, "to secure the prompt payment of interest on State bonds," to be appointed by the distances, in the reports of different engineers, that the route from Memphis via Knoxville and Lynch- 19.

By the act of 7th December, 1855, "to secure the purchase of the railroad one million of dollars of State bonds," to be expended by the distances, in the reports of different engineers, that the route from Memphis via Knoxville and Lynch- 19.

By the act of 7th December, 1856, "to secure the purchase of the railroad iron necessary to lay the route from Memphis via Knoxville and Lynch- 19.

By the act of 7th December, 1856, "to secure the purchase of the railroad iron necessary to lay the route from Memphis via Knoxville and Lynch- 19.

By the act of 7th December, 1856, "to secure the purchase of the railroad iron necessary to lay the route from Memphis via Knoxville and Lynch- 19.

By the act of 7th December, 1856, "to secure the purchase of the railroad iron necessary to lay the route from Mem

ovisions of the act, to create a " State Inter- first taking their bond to the State, in the sum of one hundred thousand dollars, with ample security for the faithful performance of their duty. Bonds of one thousand dollars each, for the whole amount, have been issued and delivered to the said agents; and they report to me that between two and three hundred thousand dollars have been expended for iron and rolling stock, and that the remaining bonds are yet unsold.

Virginia and Tennessee Railroad.

This great enterprise, extending from Lynchburg to Bristol, a distance of over 200 miles, is now available to the company throughout its entire least that the company throughout its entire least that the company throughout its entire least that the company throughout the company through tire length—the mail and passenger trains per-forming their regular daily trips each way. It is now in active use for freights also, through to Bristol, the extreme western terminus. So says the Ninth Annual Report of the President, bearing date October, 1856, and showing that the en-terprise has been on hand nine years. Southwestern Virginia, and all East Tennessee, have cause for rejoicing in the completion of this great road. The winter of their troubles has pass a genial spring has now opened to those fertile 1,700,000 and promising countries, with its buddings and future prospects, far excelling the calculations of

borough, on the Tennessee & Virginia road, and will be completed to that point by Spring. This road is now available from this city to Russelville, a distance of fifty miles, the mail, passenger and freight trains performing regular daily trips. The track will be completed to a new depot, east of Russelville against Spring, leaving only a gap of forty miles for staging, and this will be completed by the coming fall. Then we shall have in successful and glorious operation, the great central line of railway, extending from the Atlantic to the Mississippi, a line which will ultimately reach from ocean to ocean, pouring into the gaps of borough, on the Tennessee & Virginia road, and will 1,500,000 from ocean to ocean, pouring into the gaps of commerce the rich developments of a vast region, 1,240,000 to swell still more the even now mighty aggregate of our country's wealth. And not only will Virginia and Tennessee rejoice in the completion of 1,000,000 this great central thoroughfare. Our whole country will add its congratulations, for the enterprise Total\$4,240,000 is only of national interest, truly. It will be a successful termination of one of the mighty struggles of this fertile and interior country, to throw off the trappings of vassalage so long worn. It is an advance to the pinnacle of commercial independence, in which the farmer, the mechanic, and the trader, will unite in their 750,000 rejoicings.

It has seldom occurred that a road of the length of this, passing through a country possessing as many natural difficulties, has been put in as com-plete operation in so short a time. Within eight These sums amount in all to \$9,933,000 representing the extent to which, on the 1st October last, the credit of the State had been actually used by those companies. In addition, the State has authorized the issue of the following amounts on compliance with the conditions imposed in the several acts of the General Assembly relating thereto:

For the Pacific Railroad, (main trunk) \$1,300,000 For the Pacific Railroad, (main trunk) \$1,300,000 For the Hapnibal & St. Joseph R. R. 1,500,000 For the North Missouri Railroad 1,760,000 The St. Long & Long

243,000

The entire line of railroad from Norfolk to Memphis, will be in full operation by the close of 1857, and through to Washington City, Philadelphia, New York and Boston. When this great work shall have been completed, there shall be seen, going North and West, a tide of travel fully equal in its extent, to the utmost capacity of the road to the North Missouri Railroad one million.

The entire line of railroad from Norfolk to Memphis, will be in full operation by the close of 1857, and through to Washington City, Philadelphia, New York and Boston. When this great work shall have been completed, there shall be seen, going North and West, a tide of travel fully equal in its extent, to the utmost capacity of the road for transporting it.

It has been shown conclusively, by the tables of dellars of State hands.

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Lynchburg, it is only 1,318.

This gives our route the advantage of 314 miles which secures beyond doubt the travel from that locality on our route. Not only is curs the most direct, expeditious, and cheap route, but it is the most safe, romantic, and interesting, passing through a region abounding in good living, with fine water and salubrious air. On the North, we have the obstructions of the Ohio by ice, in the winter, and of low water in the summer. At the South, we have the dangers of the Capes and Reefs, if we travel by water, and those of the cli-mate, the miasma, and bad water by railroad. These considerations will force such an amount of travel over this great central route, that a single track will not answer the purpose, and the several companies along the line will be driven to contract double tracks. Already the amount of travel is rapidly increasing, with the staging and delays, incident upon the unfinished and imperfect condition of the road,

We must conclude this hastily written article without a further reference to distances. Let us start at Memphis and travel by the northern route, even of railroads, supposing these projects all to succeed—they will represent the following comparative distances, taking Baltimore as our Northern point of convergence:

-	Coremon Poster or com B
1	Memphis to Louisville413
	Louisville to Cincinnati
	Cincinnati to Baltimore580-1,100
8	Memphis to Stephenson271
	Stephenson to Chattanooga 38
	Chattanooga to Knoxville
	Knoxville to Bristol
	Bristol to Lynchburg
	Lynchburg to Gordonsville 80
	Gordonsville to Alexandria 88
	Alexandria to Washington City 7
	Washington City to Baltimore 40-978

It will thus be seen that the route from Memphis by the Virginia and Tennessee Railroad, is 127 miles shorter than the route through Cincinnati. And as the various lines from New Orleans, Mobile and Montgomery, empty themselves into our middle route—the whole tribute of trade and travel borne on their back, must flow into the Virginia and Tennessee Road.—Knoxville Whig.

The Isthmus of Darien Canal.

The expedition sent out by the government of England, France and the United States of America, in December, 1858, to survey the proposed canal route across the Isthmus of Darien, from Caledonia bay on the Atlantic coast to the Gulf of San Miguel on that of the Pacific, is generally supposed to have proved a complete failure; and indeed the circumstance that none of the engineers engaged in it have made any report, would seem to justify that supposition. It can however, be easily shown that, notwithstanding the deplorable mismanagement of the expedition, and the very hasty and incomplete examination made of the country, with a tunnel of three miles in length, a canal between these two points is prac-ticable. The only published accounts of the expidition are, Commander Prevost's "Official Report," in the Journal of the Royal Geographical Society for 1855, and a pamphlet by Dr. Cullen, entitled "The Mismanaged Darien Expedition of 1854," published by Effinham Wilson. Commander Prevost's report has no bearing on the ques-tion of the practicability of the canal, as the course he took from the Pacific side was three points of the compass westward of the proper route. Appended to it, however, there is a section of the isthmus, and a very accurate map, complied, I believe, by Captain Fitzroy and Mr. Arrowsmith, in which the longitude of each coast is corrected in accordance with the surveys of Commander Parsons and Captain Kellett. Commander Parsons and Captain Kellett. The suming a sugar-loaf form, apparently having nar-river Sucubti and Chuquanaqua are in it laid down from an accurate Spanish Survey found in the archives of Bogota. The levels are those taken by Mr. Gisborne and his assistants, Messrs. Bennet and Armstrong, Devenish, and Bond. In think there are sufficient grounds to justify her Majesty's government in sending a few the year, 55,846 were Germans and 43,986 Irish.

 The harbors on both coasts are admirably adapted for termini of a grand ship canal. 2. The Savana river is quite free from obstruc

tions, and is navigable to the mouth of the Lara. 3. From the junction of the Lara with the Savana to the Chuquanaqua, opposite the mouth of the Sucubti, a distance of twelve miles, the country is of such a character as to present no engineering difficulties, nor for that distance would any deep cutting be required in the contractor of a case. struction of a canal.

4. The next stage, from the Chuquanaqua to the confluence of the river Asnati and Sucubti, a distance of nine miles, the country is of the same character.

5. From the confluence of the Asnati and Sucubti for the next six miles, to the little Indian hamlet of Sucubti, there is no difficulty to be surmounted.

6. For the next three miles, the land gradually rises from 180 feet to an elevation of 420 feet.

7. In the next three miles in the direction of the Atlantic, the ground rises into a peak 930 feet

high, so that here a tunnel would be required.
8. From the foot of this peak to the Atlantie seaboard, a distance of only two miles, the ground is very low, and presents no difficulty whatsoever.

9. The whole length of the caual to be cut would be 35 miles.

Such are the facts, and it should be borne in mind that in the map and section which across mentioned above, the existence of a valley across the Cordillera is not taken into account, and I mymind that in the map and section which I have self have repeatedly and distinctly seen it from Caledonia bay, and taken the bearing of its entrance, which was nearly due west of Isla del Oro or Golden Island. The mountain which ac-cording to Mr. Gisborne, would require tunneling is south-east of it. This mountain, Dr. Cullen

says, is called Agla by the Indians. The country being overgrown by a dense forest of tall trees and high brushwood, and Mr. Gisborne having made only a very hurried examination of it, the valley remained unseen by him, and its existence was therefore ignored. It is however, very plainly marked on Commander Parson's survey of Caledonia bay and Port Escoses, 1854, lately published by the Hydrographic

Again, Dr. Ross, who accompanied Commander Prevost, in a conversation which I had with him a few weeks ago, distinctly informed me that he descended into another valley transverse to the Cordillera, several miles to the north-west of that opposite Golden Island. This would show that the mountain running parallel to the shore of Caledonia bay, instead of being as is generally suppose, part of an unbroken range is really isolated.

Mr. Gisborne himself, in a letter to Commander Hancock, dated Her Majesty's ship Espiegle, Caledonia bay, April 4, 1854, says: "I am quite aware that in now concluding my surveying operations, there is a great deal of interesting in formation still wanting, and that the examination of the Isthmus is not near so perfect as I had hoped to make it.

Commander Prevost, in a dispatch to rear Admiral Fairfax Moresby, C. B., at Callao, dated Her Majesty's ship Virago, Savana river, Jan. 7, 1854, says: Fording the river (the Chuquanaqua), we began to ascend, entering, as we supposed, the Cordillera, and during our progress passed over several hills, the highest of which we estimated at seven and eight hundred feet in height. From this and other summits we were able to see, though indistinctly, over the surrounding country, which showed the ranges of hills to be broken. as suming a sugar-loaf form, apparently having nar-row passes or valleys at their bases, along which

New Orleans to New York via Knoxville and From this map and section the following facts ap vessels of war to Caledonia bay and the Gulf of San Miguel, whence parties of sailors, marines and San Miguel, whence parties of sailors, marines and engineers might be landed to survey the four or five miles of ground which separates the headwaters of the Aglaseniqua and the Sucubti, and which are, I believe traversed by a valley, I have the honor to be, sir, your obedient humble ser-

WILLIAM M'DERMOTT, M. D.

Late of her Majesty's ship Espiegle, on the Darien expedition. 23 Northumberland street, Strand.—London Times, Dec. 8.

	Fin	Finances of Boston.							
	Dec. 24th, 1855.	The funded City debt was, .\$1,838,688 Unfunded do 459,500	66 00						
	Total comme	Total City debt \$2,298,188 Funded Water d't 5,356,961							
	WELL TO STATE	Total consolid't'd debt\$7,655,149	77						
	Dec. 24th, 1856.	Tne fuuded City debt was\$1,880,288 Unfunded do 751,400	66 00						
	6	Total City debt \$2,631,688 Funded Water d't 5,229,961	66 11						
		Total consolid't'd debt\$7,861,649							
,	The above state	ement shows an increase in							

And a de	ebt ecre	of ase in	the W	ate	debto	f	127,000
Leaving	an	increa	se of	the	consolie	lated	

debt amounting to \$206,500 The following table exhibits the means of payment:

Dec. 24th, 1855. Cash on hand \$520,627 72 Bonds & mortgages 652,218 54

Total \$1,172,846 26 C'sh on Dec. 24th, 1856. h'd.\$594,940 85 B'ds &

m'rtgag's.556,537 50 - 1,151,477 85

Showing a decrease of means of \$21,368 41 RESULT. Increase of debt\$206,500 00 Decrease of means 21,368 41

Net increase of debt.....\$227,868 41

Immigration for 1856.

The immigration of last year arriving at the port of New York is about 5,000 in advance of the previous year, which is quite large as had been anticipated, but there is still a large falling off in comparison with several previous years. The German element continues to exceed that of any other nationality. The following table shows the immigration at that port for the last four years, with monthly comparisons

J. T. H. B. T. P.

Journ, mich mo	attily con	nhar raons		
	1853.	1854.	1855.	1856.
January	4,901	15,514	7,485	2,844
February	11,958	4,446	5,123	2,224
March	9,685	3,758	2,069	4,584
April	23,283	31,148	10,195	8,295
May	30,212	54,078	24,177	19,005
June	45,578	25,807	19,427	20,024
July	22,898	85,247	15,716	15,846
August	33,682	89,416	9,180	17,258
September	30,288	26,759	11,706	14,078
October	23,201	88,378	18,342	16,986
November	31,485	50,276	7,452	16,745
December	17,824	25,896	9,860	4.287

The arrivals of allens at New York are about three-fourths of the total for the whole country, adding therefore 40,000 for arrivals at other ports the total immigration would be about 181,000.

According to the prognostications of the Liver-pool Times, an increased emigration may be ex-pected next Spring. That paper recently remrk-

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ed that—
"Last year there was an unusually small amount of emigration, owing to the war, the drafts for the army and navy, increased employment at home, and the check given to emigration to the United States by the stringent American regulation, and the political objection to Catholics and the Irish, and to naturalization, which had before been granted. The employment of many large steamers now disengaged from the transport server. steamers now disengaged from the transport service and reduced fares, coupled with the prosperous state of Canada and Australia, will lead to an increased emigration next Spring.'

Panama Railroad.

This Company has declared a dividend of 6 per cent. The result of the six months business is stated as follows:

Amount to Cr. of income up to Dec. 1... \$754,370 Mail from September \$44,000

. \$933,960 Total Interest 6 months............\$87,500 Operating expenses 185,000 Office expenses..... 11,000 Due New Granada.... 5,000-288,500

\$645,460

8,550 -- 293,550 cent. on do

Surplus after payment of dividend.. \$351,910

Sales of Land by the Illinois Central Rail-

road Company. The sales of lands by the Illinois Central Company in December, were..... \$676,336 87 8,418 60 Town Lots....

Total, December \$680,250 47 Since Jan. 1..... 4,434,400 11 Total, 1856.... \$5,114,650 58 Previously 5,698,377 83

Total.....\$10,713,028 41

Notice to Contractors.

undankana an ju mangar dan a ju ma Philadelphia & Baltimore Central R. R.

PHIRICEIPHIA C. DAUTHIOF COURTAL R. R. P.

PROPOSALS will be received at the office of this company, in CARROLL HALL, city of Baltimore, on the Sist of January, 1857, for the GRADING AND MASONRY OF THIRTY MILES OF THE ROAD, laying in Baltimore and Hartford counties; and also for the MASONRY and SUPER-STRUCTURE of wood and iron of THE BRIDGE OVER THE SUSQUEHANNA RIVER, three miles above Port Deposit, Maryland.

BY The work will be ready for inspection after 20th Jan'y, and information desired may be received at the office of the cempany, in Baltimore, after that date. By order of the Board.

6152 I. R. TRIMBLE, Chief Eng'r.

TEN PLATFORM CARS.

28 ft. long, 4 ft. 8% inch gauge, made in the best manne with brakes, and now ready for delivery.

BOX and PLATFORM CARS, made to order.

WILLIAMS & PAGE,

4150

44 Water st., Bosrox.

To Railroad Companies

OIVIL and MECHANICAL ENGINEER of first rate theoretical education and practical experience in Railad Machinery and in the superintendence of railroads, and ho is at present engaged as a Mechanical Draughtsman and constructor on a leading road, offers his services to Railroad companies and others as Master of Repairs. Address J. M. the office of the Au. Railroad Jourgale.

The Total Park 1850.

To Railroad Contractors.

PROPOSALS will be received at the Engineer's Office of the TENNESSEE AND ALABAMA RAILROAD, until FEBRUARY 10th, 1887, for the Grading, Masonry, and Bridging of said railroad from Spring Hill to opposite the town of Columbia, about THIRTEEN MILES.

The above work comprises some heavy rock cutting; about six thousand perches of Bridge Masonry, and sixteen hundred for all Bridging.

off thousand percents of the second front of Holding.

Plans, Profiles, and Specifications may be seen at any time and any further information obtained by addressing J. H. Dz. VEREUX, Division Engineer, at Columbia, Tennessee.

A. ANDERSON,

Profiner.

NASHVILLE, Dec. 15th, 1856.

6t1

REMOVAL.

ROGERS, KETCHUM, & GROSVENOR AND THEIR SUCCESSORS,

THE ROGERS LOCOMOTIVE and MACHINE WORKS, HAVE removed their offices from No. 74 BROADWAY to No. 44 EXCHANGE PLACE. 6652

SAFETY AND ECONOMY.

JAMES HARRISON, JR.'S AUTOMATIC STEAM WHISTLE

FOR LOCOMOTIVES.

PATENTED APRIL, 1856.

THIS invention renders absolutely certain the sounding of a sufficient alarm at every crossing or other point for which it is set. It is strong and simple, and not liable to derangement. It does not interfere with the ordinary use of the Whistle in giving other signals, etc. It can be applied with little expense on old as well as new engines. For further information apply to. formation apply to

JAMES HARRISON, Jr., Cor. of 22d Street and 2d Avenue

NEW YORK, December 1, 1856.

PHILADELPHIA

RAILWAY COMMISSION AGENCY.

Nos. 12 and 14 Walnut St.

TO MANUFACTURERS.

TO MANUFACTURERS.

The subscriber having leased for a term of years a large and substantial building in one of the most prominent business streets of Philadelphia, proposes in addition to his regular business to establish a depot for the exhibition and sale of all descriptions of machinery, and invites the attention of manufacturers generally to this plan of making their goods well known. If sufficient inducement is held out the subscriber will put up a steam engine of sufficient power to run any machinery that the manufacturers may wish exhibited in motion, and it is his wish and intention as far as possible to make his establishment an attractive resort for all those interested in the purchase and sale of American manufactures, and he has no doubt (if assisted by those parties who may wish to extend their business) of being able to establish on a permanent basis an exhibition that will be as attractive (on a small scale) as the yearly exhibitions of Boston, New York, Philadelphia and Baltimore. For full particulars address THOMAS M. OASH,

No. 22 Walnut st.,

PHILADELPHIA.

4t50 . PHILADELPHIA.

Wheel Barrows and Hand Trucks.

A LARGE assortment of WHEELBARROWS, including three different sizes, handsomely finished, for stores, thops, gardens, and city use generally. Also a large lot of

CANAL and BAILROAD BARROWS,

all made in the most substantial manner, to which the attention of contractors is directed. Also, HAND TRUGES, of various sizes, used in stores and warehouses, for moving boxes, bales, bags, &c., &c.

BLACKSMITHING.

The subscriber informs his friends and the public, that in connection with his Agricultural Implement and Machine Works, he has erected an extensive BLACKSMITH SHOP and is now prepared to turn out Blacksmith work of every de scription, such as Picks, Crowbars, Miners' Tools and Drills, Stone Cutters, Chisels, Wheelright work, &c., &c., at the shortest notice. He desires to call the attention of Contractors to the facilities of his establishment, which is the largest in the

city.

All orders for Agricultural Implements, Contractors'
Tools, Turning, Sawing, Blacksmith Work, &c., &c., promptly
attended to,
F. S. BOAS, Reading, Pa,

U. S. MAIL AND EXPRESS ROUTE DIRECT FOR

Iowa, Kansas and Nebraska. Tennerapire of marpical and manager of manager

CHICAGO, BURLINGTON & QUINCY RAILROAD.

THE ONLY DIRECT ROUTE FROM
CHICAGO TO AURORA, MENDOTA, PRINCETON,
GALESBURG, QUINCY, BURLINGTON, ANY PART
OF SOUTHERN OR CENTRAL IOWA, KANSAS
OR NEBRASKA.

PASSENGER TRAINS leave the Central Depot, foot of South Water street, Calcago, daily as follows:—

South Water street, Caro aco, daily as follows:

9.00 A.M.—Morning Express.—Connecting at Mendota with
Illinois Central Railroad, north for Amboy, Dixon,
Galena and Dunleith, south for La Salle, Bloomington, Decatur, Springfield, Jacksonville, 8t. Louis,
Cairo, &c., at Galesburg with Northern Cross R.R.
for Quincy, &c., and at Burlington with Burlington
and Missouri River R. R., and with Packets for
points up and down the Mississippi river.

8.45 P. M.—Evening Express.—Making same connections as
above.

above.
NO TRAIN SATURDAY EVENING.

ONE TRAIN SUNDAY, 8.45 P.M.

BAGGAGE CHECKED THROUGH TO BURLINGTON and QUINCY.

THROUGH TICKETS can be procured at all the principal eastern railroad offices and in Chicago at the Depot and at the Michigan Cenfral R. R. office, corner of Lake and Dearborn streets, opposite the Tremont House.

SAM'L POWELL,

Gen. Ticket Agent.

Gen. Sup't.

New York and Erie R. R.

On and after Monday, November 3,1856, and until further notice,
PASSENGER TRAINS
will leave Pier foot of Duane street,
as follows, viz:—

as follows, viz:—
BUFFALO EXPRESS, at 6½ a.m., for Buffalo,
DUNNIER EXPRESS, at 6½ a.m., for Dunkirk.

MAIL, at 8½ a.m. for Dunkirk and Buffalo, and intermediate stations.—Passengers by this train will remain over night at Owego, and proceed the next morning.
CHICAGO EXPRESS, at 12 m. for Dunkirk.

BOOKLAND PASSENGER, at 3 p. m., ffrom foot of Chambers st.) via Piermont, for Suffern's and intermediate stations.

WAY PASSENGER, at 4 p.m., for Newburgh and Middletown and intermediate stations.

NIGHT EXPRESS, at 4½ p.m. for Dunkirk and Buffalo and intermediate stations.

The above trains run daily. Sundays executed.

mediate stations.

The above trains run daily, Sundays excepted.
These Express Trains connect at Elmira, with the Elmira, Canandaigua and Niagara Falls Railroad, for Niagara Falls, at Binghamton with the Syracuse and Binghamton Railroad, for Syracuse; at Corning with Buffalo, Corning and New York Railroad, for Rochester; at Great Bend with Delaware, Lackawanna and Western Railroad, for Scranton; at Buffalo and Dunkirk with the Lake Shore Railroad for Cleveland, Cincinnati, Toledo, Detroit, Chicago, etc.,

D. O. McCALLUM, General Sup't.

Philadelphia, Wilmington & Baltimore Railroad.

UNITED STATES MAIL ROUTE TO THE SOUTH AND WEST.

manari fi anna an im manari at airea in manari at

Trains will leave the Southern and Western Station, corner e Broad and Prime streets, Philadelphia, at 8 30 am. 12 45, 3 and PARE BY THROUGH TICKETS TO THE SOUTH.

NOTICE TO Railread Contractors.

Manual Control of Manual Contr

THE undersigned hereby invites proposals until the 20th of January next, for laying the track of the Norfolk and Petersburg Railroad. Length 80 miles Parties proposing had better tender their bills in person.

WILLIAM MAHONE, Chief Eng'r.

OFFICE CHIEF ENGRESS N. & P. R. E.
Norfolk, Va., December 20th, 1850.

Railroad Iron.

THE "MONTOUR IRON COMPANY" is prepared to execute orders for RAILS of the usual patterns and
weights, and of any required length, not exceeding 30 feet per
rail. Apply to THOS. OHAMBERS, President,
No. 42 Exchange Place, New York.

Railroad Iron.

THE undersigned. Agents for leading Manufacturers in Staffordshire and Wales, are prepared to contract for delivery on board ship at Liverpool, or Welsh port.

O. CONGREVE & SON,
13 Cliff st., N. Y.

Railroad Iron.

1,000 TONS best quality Welsh Bails "Erie" pattern, for sale by VOSE, LIVINGSTON, & CO., No. 9 South William st., N. Y.

October 18, 1856.

Railroad Iron.

500 TONS best quality Welsh Rails, approved T pattern, 56 lbs. per yard, for sale by VOSE, LIVINGSTON & CO., 9 South William st.

Railroad Iron.

WE are prepared to contract to deliver Rails at fixed sterling prices, free on board, in English or Welsh ports, and also at prices including freight to New York or Boston.

NATIOR & CO.,

99 and 101 John Sr., N. Y.

English Iron and Metals.

THE undersigned, having the support of some of the leading makers of Iron in England, is prepared to take orders for Manufactured Iron of all descriptions, as well as Pig Iron, Block Tin, Tin Plates, Spelter, &c., and undertake shipment of the same to the United States on the best terms, both as records are not stated by the state of the control of the same to the United States on the best terms, both as re-

gards prices and freight arrangements.

WILLIAM ELLIS,

Metal Broker, Shipping and Commission Agent,
Dec.13—6m 64 King William st., LONDON.

TWO LOCOMOTIVE ENGINES, suitable for gravel or other light trains. The above machines are in good order and sold for want of use. Apply at the office of the CAMDEN AND ATLANTIC R. B. CO., 56 Walnut st., PHILA DWLPHIA, Penna.

BUSINESS CARDS.

F.W. Rhinelander. James A. Boorman, Edwin A. Post. RHINELANDER, BOORMAN & CO., RAILWAY AGENTS

COMMISSION MERCHANTS

SUPPLY ALL MATERIAL AND ARTICLES USED IN THE CONSTRUCTION AND OPERATING OF RAILWAYS BANK OF COMMERCE BUILDING,

Cor. Nassan and Cedar St., NEW YORK.

DRAKE & CARTER,

49 Merchants' Exchange, Wall Street.

THE subscribers have formed a Co-Partnership under the name of DBAKE & CARTER, for the purpose of continuing the business of Buying and Selling Stocks and Bonds, Loaning Money on Stocks and other Securities, making Collections, &c.

The general partners of the concern will be James M. Drake and Galen A. Carter. Edward B. Little Esq. has contributed Fifty Thousand Bollars as special partner.

D. & C. will occupy the Offices No. 49 Merchants' Excending, (entrance on Wall St.)

JAMES M. DRAKE.

GALEN A. CARTER.

ELLERY & GIBBONS

No. 10 WALL ST.,

BANKERS, DEALERS in DOMESTIC and FO HGN EXCHANGE, &c., are prepared to negotiate tocks, Bonds and Financial Securities in general.

DREXEL & Co., Bank's Philad.
SILAS K. EVERETT, of Evert
& Brown, N. Y.
WELLS, FARGO & Co. 18t Am. Exchange Bank, N. Y.

Meigs & Greenleaf.

Office No. 23 William st.,

WILL give prompt attention to the purchase and sale of STOCKS, BONDS, &c., strictly on commission. Orders

respectfully solicited.
OHAS. A. MEIGS, late Cashler Am. Hr. Bank.
A. W. GREENLEAF, late of No. 2 Wall st.

REFERENCES: American Exchange Bank, Bank of the Bobile, Metropolitan Bank, Merchants' Bank, 1916

CINCINNATI STOCK EXCHANGE.

& CHEEVER,

Stock Brokers and Railroad Agents, NO. 83 WEST THIRD STREET,

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Railroads Stocks, Bonds, &c., bought and sold on commission Regular sales at public auction at the Merchants' Exchange

WILLIAMS & PAGE.

No. 44 Water Street,

BOSTON, MASS.,

RAILROAD SUPPLYING AGENTS and Commission Merchants, for the Sale of

Iron Rails, Chairs, & Spikes, ENGINES, CARS, AND MACHINERY,

BUSH & LOBDELL's and other kinds of WHEELS BEST HAMMERED FAGOTED AXLES. LOWMOOR, BOWLING, AMES', AND NASHUA TIRES, Iron and Steel of all kinds for Railroad Shops,

CAR TRIMMINGS OF EVERY KIND. articles used in Equipment and Repairs of Railros Engines, and Cars, at manufacturer's prices.

THOS. S. WILLIAMS, PHILIP S. PAGE, Late Sup't Boston & Me R. R. Late Page, Alden & Co.

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JAMES HATWARD, President GEO. H. KUFN Esq.
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American and Fereign bar, boiler, and pig iron, Tyres, Axles, wrought iron Wheels, boiler, water and gas Tubes, iron and steel Wire, boiler and tank Rivets, Steel, Files, Emery, &c.

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Dealers in Railway, City, County, and State

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RAILS, LOCOMOTIVES, &c.
We have on hand and for sale, of County Bonds—

Hardin County (Ky), 6 per cts.

Carter, Bath, and Montgommery (Ky), 6 per cents.

Also a variety of CITY, COUNTY, and BAILWAY
SECURITIES in smaller lots.

April 30th, 1856.

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LOCOMOTIVE EXPRESS

FOR THE RECEIPT AND TRANSPORTATION OF

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PASSENGER AND BOX CARS

OF ANY GAUGE To the Western and South-Western States.

PROPRIETORS-KASSON, SON & CO. WM. M. KASSON, 90 Exchange st., BUFFALO.

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General Railroad Agency,

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ARE prepared to contract for the construction and equip-ment of railroads in any part of the country; also to furnish corps of Engineers and Contractors; Locomotive En-gines and Cars; Railroad Iron, Chairs, Spikes, [Switch-irons,

y will also sell or negotiate loans on all kinds of Railroad

courties.

SEYMOUR, MORYON & CO. have to dispose of at private sale, in amounts to suit persons desirous of investing a large amount of valuable Railroad and other Securities.

The members of the firm having had a large experience as Civil Engineers, on some of the most important public works in this country, also tender their services as Consulting Engineers to livest engaged in the construction of Railroads,

CINCINNATI.

HEWSON & HOLMES.

AUCTIONEERS AND STOCK BROKERS,

Have regular sales of Stocks, Bonds, and other Securities,

WEDNESDAY AND SATURDAY,

At 1 c'clock at the Merchant's Exchange, AND IF BEQUIRED,

SPECIAL SALES
ON MONDAY, TUESDAY, THURSDAY, AND FRIDAY.

OFFICES—Nos. 83 and 85 Walnut street,
Where they offer at private sale
A GREAT VARIETY OF
State, County, City and Railroad BONDS and STOCKS,
REGOTIATE
LOANS, NOTES, BILLS OF EXCHANGE,

DIVIDENDS, LEGACIES, DEBTS, &c.

BEFERRECE - Ohio Life Insurance & Trust Company Bank

H. STANLEY & CO., MANUFACTURERS OF

RAILROAD CAR WHEELS.

DRIVING WHEELS, HORSE AND HAND CAR WHEELS, WHEELS ON AXLES, BUMPERS JAWS, and BOXES fitted complete, and OTHER RAILROAD CASTINGS.

HENRY STANLEY,) No. 185 River St., JOEL MALLARY. TROY, N. Y. HIRAM B. INGALLS,

Lord & Wright, Counsellors at Law, Cincinnati Ohio.

161

ENGINEERS.

Consulting Engineer.

Consulting Engineer.

The indersigned may be consulted upon the location, construction, equipment, and management of railroads in any part of the United States or Canada, and upon the most approved modes of constructing heavy masoury for bridges and the superstructure thereof, whether of wood or iron.

Also upon the best form of rail, and of laying down and maintaining a permanent railway, and in general upon all subjects properly connected with Civil Engineering in its highest branches, and in its most difficult application.

A long and intimit connection with the construction and management of our most important American inilroads, and a personal knowledge of those in Europe, should render the undersigned competent to give such advice or make such suggestions, as will enable railroad companies to avoid errors of inceation, construction and management which are more or less inseparable from all new enterprises in our country.

Engineers of highest character and professional attainment, and competent Superintendents can be recommended or supplied to railroad companies for immediate service on surveys and construction and on management.

ISAAC R. TRIMBLE,

Consulting Engineer, 118 Park Place, BALTIMORE.

LITHOGRAPHIC AND DRAUGHTING. Office 131 Fulton st., NEW YORK. G. WEISSENBORN,

CIVIL AND MECHANICAL ENGINEER,

employs Draughtsmen, and is at all times prepared to execute his work with promptness. He will furnish Architectural and Mechanical Drawings., Linear and Perspective, and if desired they will be lithographed in the BIGHEST STYLE OF THE ART.

W. G. ATKINSON, CIVIL ENGINEER, SURVEYOR AND DRAFTSMAN CUMBERLAND, Maryland.

PAILROAD routes located, planned and estimated. Maps and Reports furnished. Researches made for Coal, Iron, Copper, Lead and other Minerals, Metals, &c. Contract work in Tunnels and heavy Graduation measured and reported in detail. Topographical Drawings executed and Lithographs supplied by skiltul artists. Mines explored, new Works laid off, and Geological Plans prepared.

ENGINEERING.

THE undersigned is prepared to furnish Specifications, Estimates and Plans, in general or detail, of Steamships, Steaments, Propellers, High and Low Pressure Engines, Boilers, Mill Work, etc., etc. Particular attention given to the procuring and superintending of Locomotives, Tenders, Cars, and Railway Machiners of every description.

Work, etc., etc.
superintending of Locomotives, Tenders, Cars, and Raliway Machinery of every description.
General Agent Ashcroft's Steam Gauge, Allen & Noyes' Metallic Self. adjusting Conical Packing, Dudgeon's Hydraulic Jack, Sewall's Salinometers, etc., etc., etc., etc., atc. as Agent for the purchase or sale of, and has always on hand Steamers, Locomotives, Engines, Boilers, Machinery, etc.

hand, Steamers, Locomotives, Engines, Boilers, Machinery, etc.
OHAS. W. OOPELAND,
Conculling Engineer
1917
64 Broadway, M. Y

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Edward Boyle, Chief Engineer, 2d, 3d, and 9th Avenue Railroads New York Office 123 Chambers st.

Clement, Wm. H., Little Miami Railroad, Cincinnati, Ohio

James Convers, Chief Engineer Galveston, Houston & Henderson Railroad, Galveston, Texas.

Alfred W. Craven, Chief Engineer Croton Aqueduct, New York

Charles W. Copeland, Steam Marine and Railway Engineer, 64 Broadway, New York.

Davidson, M.O.,
Civil and Mining Engineer. Office Swanton Coal and Iron Co.
61 Eschange Place, BALTIMORS, Md.

C. Floyd-Jones., Division Rng'r 3d and 12th Divisions, Illinois Central R. R., Vandalia, Ill.

Gay, Edward F., State Engineer, Philadelphia, Pa.

Gilbert, Wm. B., Syracuse and Binghamton Railroad, Syracuse, N. Y.

Robert B. Gorsuch,
Chief Engineer of the Llanos de Apam R. R.,
MEXICO.

Grant, James H., Nashville and Chattanooga R. R., Nashville, Tenn.

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Theodore D. Judah,
Ohlef Engineer, and Commissioner of
San Francisco and Sacramento Railroad, and of
San Francisco and Sacramento Northern Extension Railroad,
San Francisco, Cal.

S. W. Hill, Mining Eng'r and Surveyor, Eagle River, Lake Superior.

Ellwood Morris,
Engineer Banphin and Susquehanna Railroad.
Allentown Railroad.
HARRISBURG, PENNA.

D. Mitchell, Jr.,
Chief Engineer Pittsburgh and Steubenville, and Chartiers Valley
Railroads, Pittsburg, Pa,

Mills, John B., Civil Engineer, Sackets Harbor and Saratoga R. R., 24 William St., N. Y.

Saml. & G. H. Nott, Civil Engineers, No. 6 Niles' Building, Change Avenue, Boston

Osborne, Richard B., Civil Engineer, Office 73 South 4th st., Philadelphia.

Theodore W. Robbins, Civil Engineer and Land Surveyor, Jersey City, N. J.

W. Milnor Roberts, ngineer Alleghany Valley Railroad, Pittsburgh, Pa.

Augustus Schwaab, CIVIL ENGINEER, MACON, GEORGIA.

J. S. Sewall, CIVIL ENGINEER, ST. PAUL MINESOTA.

Charles L. Schlatter, Ohief Engineer Brunswick and Florida Railroad, Brunswick, Georgia.

P. Sours, Engineer Baritan and Delaware Bay R. R., Red Bank, N. J.

J. S. Shipman, Civil Engineer, 63 Trinity Building, 111 Broadway, N. Y.

Shanly, Walter,
Chief Eag'r Bytown and Preseott Railway, Prescott. Canada.

Steele, J. Dutton,
Pottstown, Pa.

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